

2.1 Appendix A: Exterior Hard Wall Containment Barrier Option 1

Exterior Hard Wall Containment Barrier Option #1

The windows at 130 Cedar St. are being abated as Asbestos Containing Materials. A decision has been made to abate these windows under full containment. To comply with the NYCDEP regulations and approved variances, a poly covered hard wall containment barrier will be attached and sealed to the exterior of the building columns to seal off the window openings and to abate the windows into the building. Due to the attacks on 9/11, portions of the building exterior exposed to the falling debris have been damaged.

One of the following Exterior Hard Wall Containment Barrier Options will be utilized dependent on whether the exterior of the spandrel wall is breached or not, whether the interior of the spandrel wall has manmade openings or not and whether the brick cladding on the columns on either side of the window/spandrel bay are damaged or not.

Option #1

This option for construction of an exterior hard walled containment barrier will be utilized when there is an exterior breach in the two wall unit spandrel wall and the brick cladding on the columns on either side of the bay are intact. A double six mil poly covered plywood barrier will be anchored to the brick cladding on each side of the bay, column to column and on the top and bottom of the barrier, from slab to slab. Caulking and foam will be utilized as necessary to seal this barrier. A foam sealed plywood insert will be installed at the top and the bottom of this barrier to seal the set back from the column brick cladding to the slab brick cladding. The windows, window caulking and the two wall unit spandrel walls will be abated and demolished into the building/containment.

Option #1A

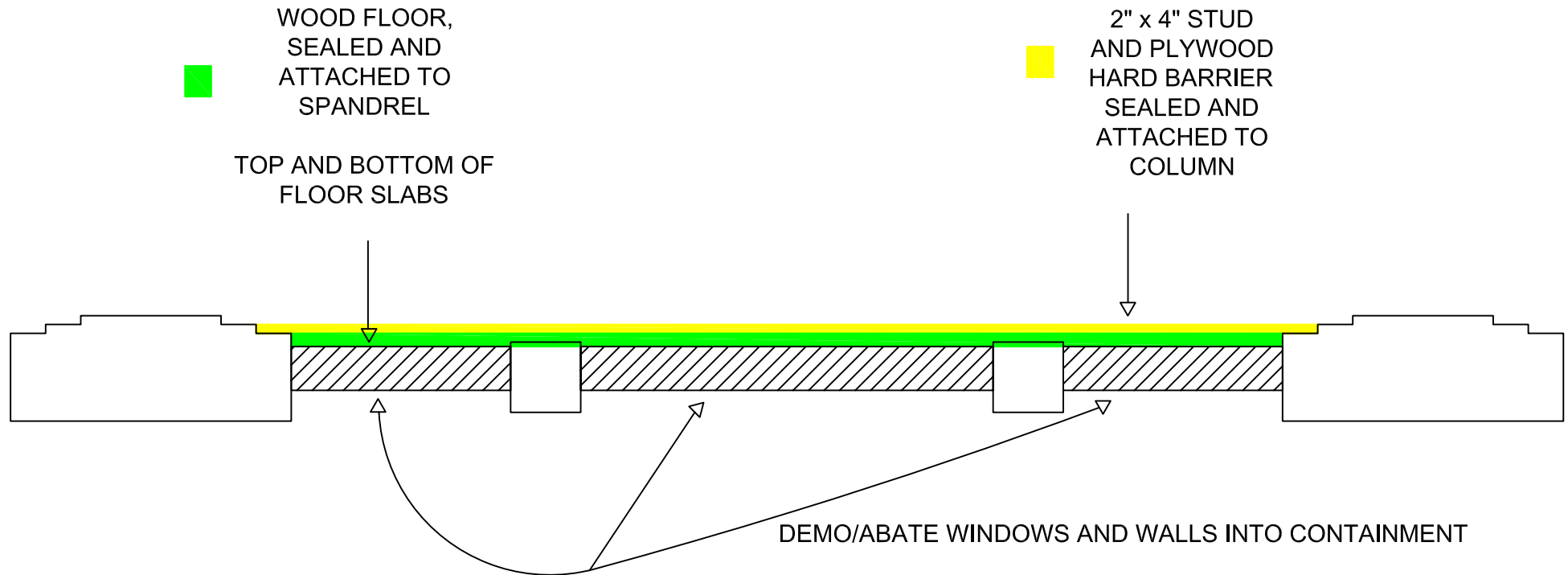
Where there is no breach in the exterior of the spandrel wall, the brick cladding on the columns are intact and the inside of the spandrel walls exhibit manmade openings, a hard walled containment as in Option #1 will be erected. Additionally in this option, a plywood and wooden stud support will also be anchored up against the exterior of the brick cladding of the spandrel wall. This support will allow for the interior clay wall to be abated and demolished into the building/containment. In the case of a manmade

opening, abatement will occur only in the immediate area around the opening. (See Appendix C Bay Damage Diagrams) Additionally, the windows and window caulking will be abated and demolished into the building/containment. Once the abatement/demolition is performed the exterior brick cladding and the cast concrete cap of the two wall unit spandrel wall will remain standing. Subsequent to the window/window caulking abatement and as part of the floor/containment abatement, the interstitial space, which is the inside surface of the exterior brick cladding, will be cleaned as any other non-porous concrete surface, encapsulated and left for demolition during the selective demolition phase.

Option #1B

Where there are no breaches in the two wall unit spandrel wall, and the brick cladding is in tact on the columns, a double six mil poly covered plywood barrier will be anchored to the brick cladding on each side of the bay, column to column, and on the top of the barrier at the floor slab above and on the bottom at the stone cap supporting the window sitting on top of the two wall spandrel unit. The containment will allow for the windows and window caulking to be abated/demolished into the building/containment. Subsequent to the window/window caulking abatement and as part of the floor/containment abatement, the interior spandrel wall surface will be cleaned and encapsulated. The exterior surface would have been cleaned as part of the Building Façade Clean-up in Phase I A & B. The cleaned two wall spandrel unit and the stone cap will be left for demolition during the selective demolition phase.

EXTERIOR WALL CONTAINMENT BARRIER OPTIONS #1, #1A & #1B



#1A - CONSTRUCTED AS SEEN ABOVE WITH ADDITIONAL SUPPORTS
ON THE EXTERIOR SURFACE OF THE SPANDREL WALL

#1B - THE BOTTOM OF THE HARD BARRIER CONTAINMENT WILL BE
SEALED AT CAST CONCRETE CAP OF THE SPANDREL WALL

2.2 Appendix B: Exterior Scaffold Hard Wall Containment Barrier Option 2

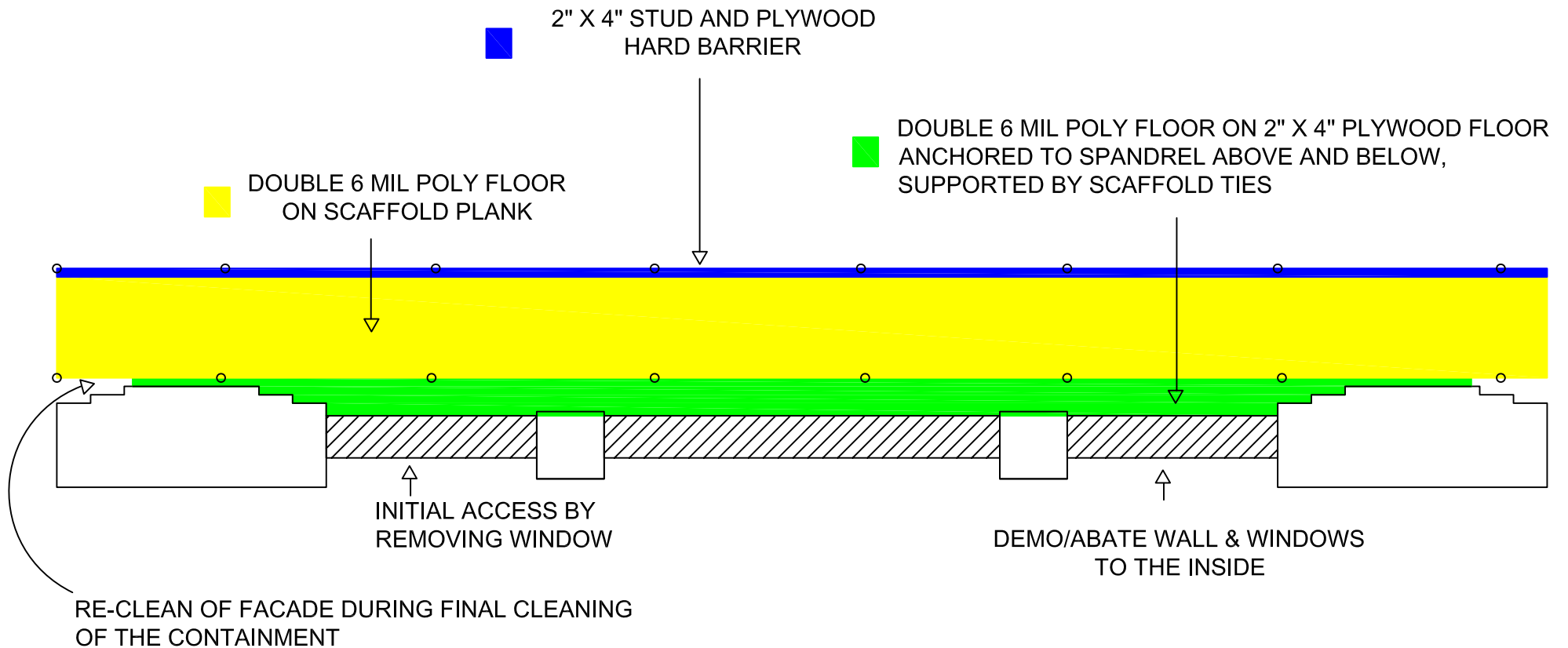


Exterior Scaffold Hard Wall Containment Barrier Option #2

Option #2

This option will be utilized when the brick cladding on the columns is damaged or not intact thus prohibiting proper anchoring and sealing of a single hard plywood barrier. In this case, a hard barrier containment will be set up on the exterior scaffold to include a floor and ceiling sealed to the exterior of the building. This will allow for abatement and demolition of the windows, spandrel wall and any loose or damaged brick cladding into the building/containment.

EXTERIOR SCAFFOLD CONTAINMENT BARRIER FOR PORTIONS OF 10TH, 11TH & 12TH FLOORS AND OPTION #2



2.3 Appendix C: Bay Damage Diagrams

Bay Damage Diagram Containment Options

Floor	Bay	Option	Floor	Bay	Option	Floor	Bay	Option	Floor	Bay	Option
Ground	1	1	2	1	1B	3	1	1B	4	1	
Ground	2	1	2	2	1B	3	2	1B	4	2	
Ground	3	1	2	3	1B	3	3	1B	4	3	
Ground	4	1	2	4	1B	3	4	1B	4	4	
Ground	5	1	2	5	1B	3	5	1B	4	5	
Ground	6	1	2	6	1B	3	6	1B	4	6	
Ground	7	1	2	7	1B	3	7	1B	4	7	
Ground	8	1	2	8	1B	3	8	1B	4	8	
Ground	9	1	2	9	1B	3	9	1B	4	9	
Ground	10	1	2	10	1B	3	10	1B	4	10	
Ground	11	1	2	11	1B	3	11	1B	4	11	
Ground	12	1	2	12	1B	3	12	1B	4	12	
Ground	13	1	2	13	1B	3	13	1B	4	13	
Ground	14	1	2	14	1B	3	14	1B	4	14	
			2	15	1B	3	15	1B	4	15	
			2	16	1B	3	16	1B	4	16	
			2	17	1B	3	17	1B	4	17	

NOTE: Bays with options not specified have not been inspected from the exterior of the building due to a lack of accessible scaffold planking
Visual inspections will be performed and the options will be determined and provided to the regulators on a weekly basis.

Bay Damage Diagram Containment Options

Floor	Bay	Option	Floor	Bay	Option	Floor	Bay	Option	Floor	Bay	Option
5	1		6	1		7	1		8	1	
5	2		6	2		7	2		8	2	
5	3		6	3		7	3		8	3	
5	4		6	4		7	4		8	4	
5	5		6	5		7	5		8	5	
5	6		6	6		7	6		8	6	
5	7		6	7		7	7		8	7	
5	8		6	8		7	8		8	8	
5	9		6	9		7	9		8	9	
5	10		6	10		7	10		8	10	
5	11		6	11		7	11		8	11	
5	12		6	12		7	12		8	12	
5	13		6	13		7	13		8	13	
5	14		6	14		7	14		8	14	
5	15		6	15		7	15		8	15	
5	16		6	16		7	16		8	16	
5	17		6	17		7	17		8	17	

NOTE: Bays with options not specified have not been inspected from the exterior of the building due to a lack of accessible scaffold planking
Visual inspections will be performed and the options will be determined and provided to the regulators on a weekly basis.

Bay Damage Diagram Containment Options

Floor	Bay	Option
9	1	
9	2	
9	3	
9	4	
9	5	
9	6	
9	7	
9	8	
9	9	
9	10	
9	11	
9	12	
9	13	
9	14	
9	15	
9	16	
9	17	

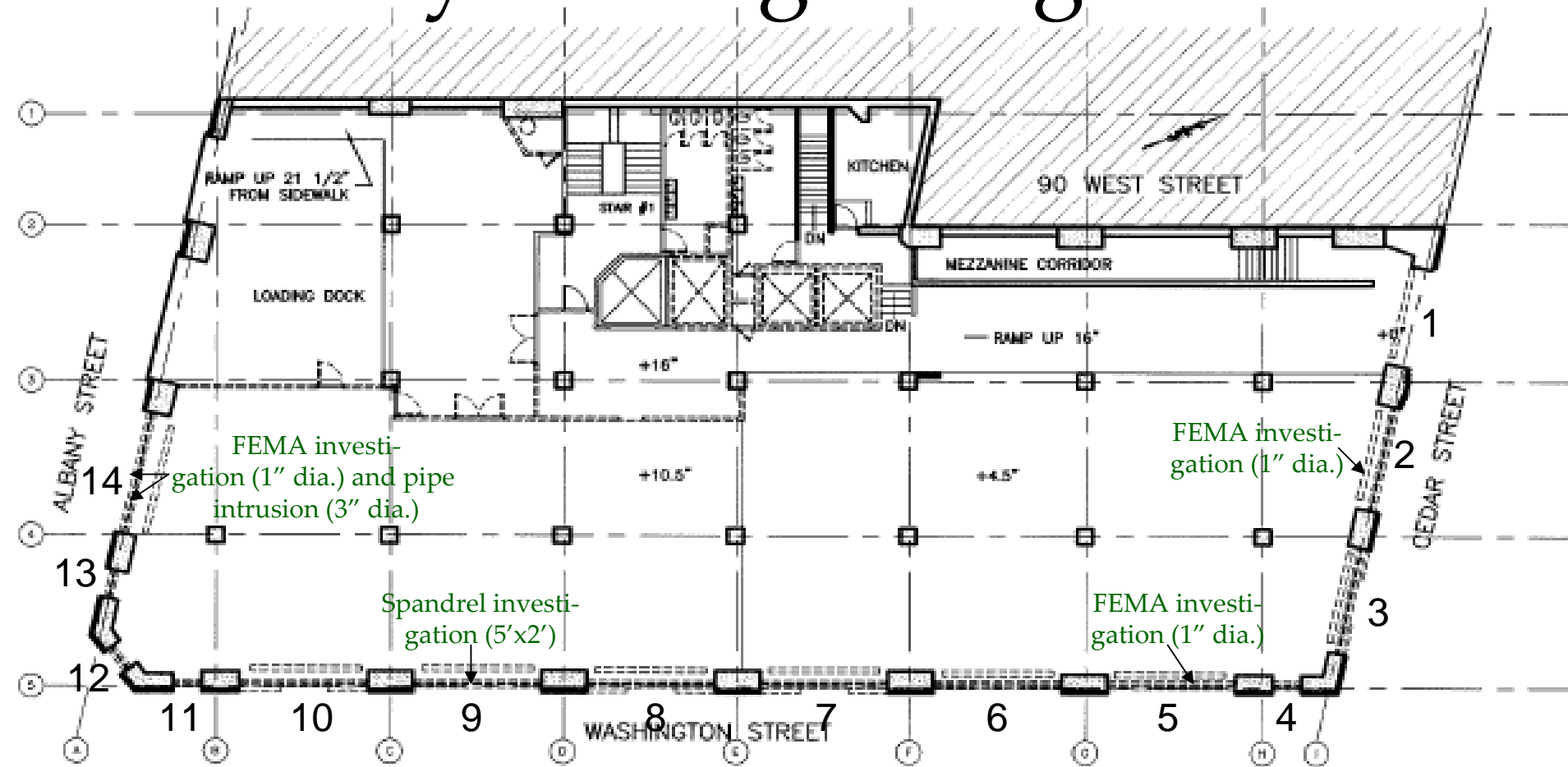
Floor	Bay	Option
10	1	
10	2	
10	3	2
10	4	2
10	5	2
10	6	
10	7	
10	8	2
10	9	
10	10	
10	11	
10	12	
10	13	
10	14	
10	15	
10	16	
10	17	
10	18	
10	19	

Floor	Bay	Option
11	1	2
11	2	1B
11	3	2
11	4	1B
11	5	1B
11	6	2
11	7	2
11	8	
11	9	
11	10	
11	11	
11	12	
11	13	
11	14	
11	15	
11	16	
11	17	
11	18	
11	19	
11	20	
11	21	

Floor	Bay	Option
12	1	2
12	2	1B
12	3	1B
12	4	2
12	5	2
12	6	2
12	7	1B
12	8	1B
12	9	1B
12	10	1B
12	11	1B
12	12	1B
12	13	1B
12	14	1B
12	15	1B
12	16	1B
12	17	1B

NOTE: Bays with options not specified have not been inspected from the exterior of the building due to a lack of accessible scaffold planking
Visual inspections will be performed and the options will be determined and provided to the regulators on a weekly basis.

Bay Damage Diagram



Ground Floor

NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

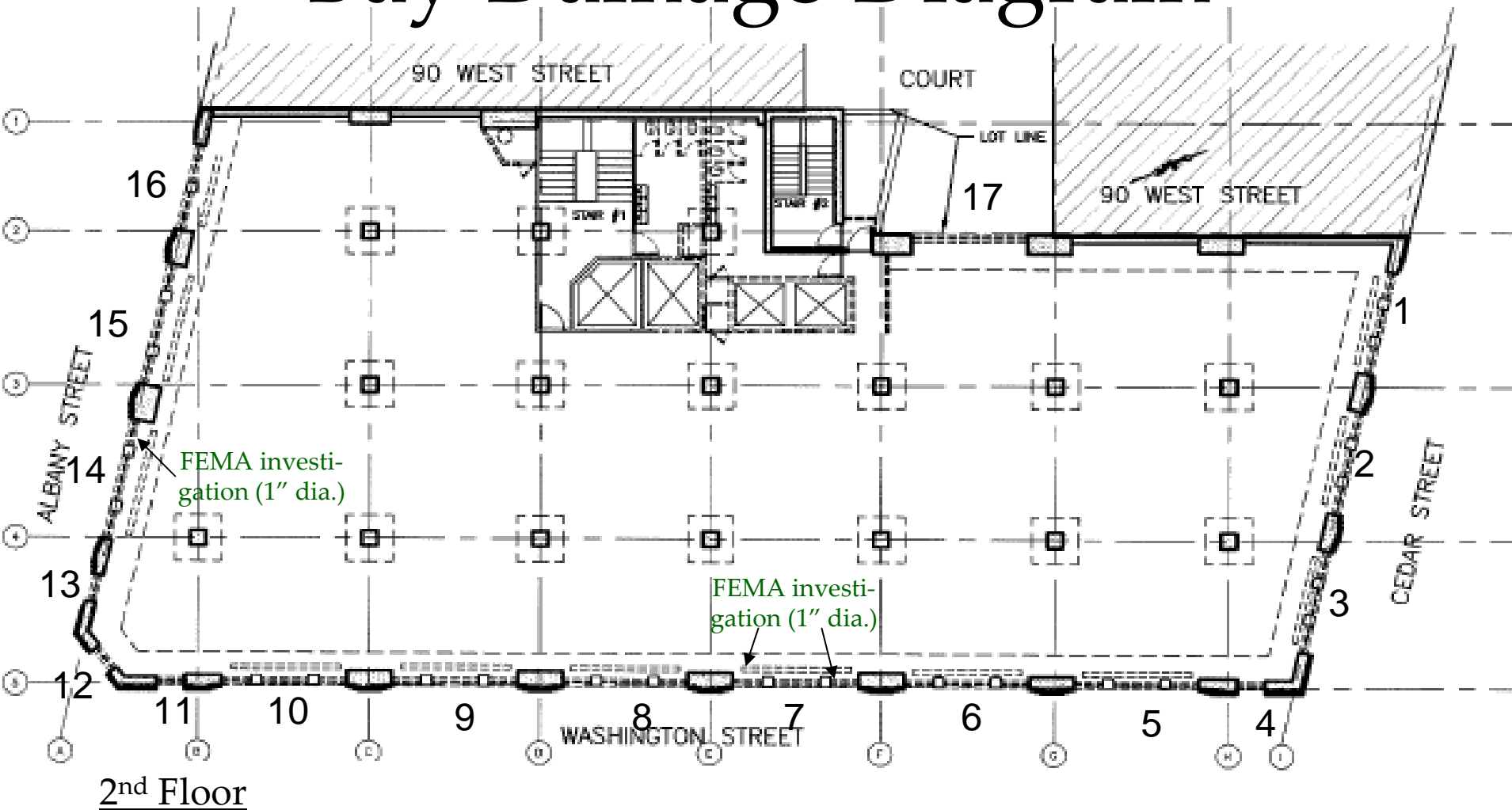
Spandrel Investigation refers to previous spandrel wall investigations on interior spandrel wall

Other notes located in the interior portion of the floorplan refer to all other interior breaches and are described in the diagram

NOTE: **Bay Damage** refers to breaches in the exterior side of spandrel wall, exterior support column, and/or exterior window column.

Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

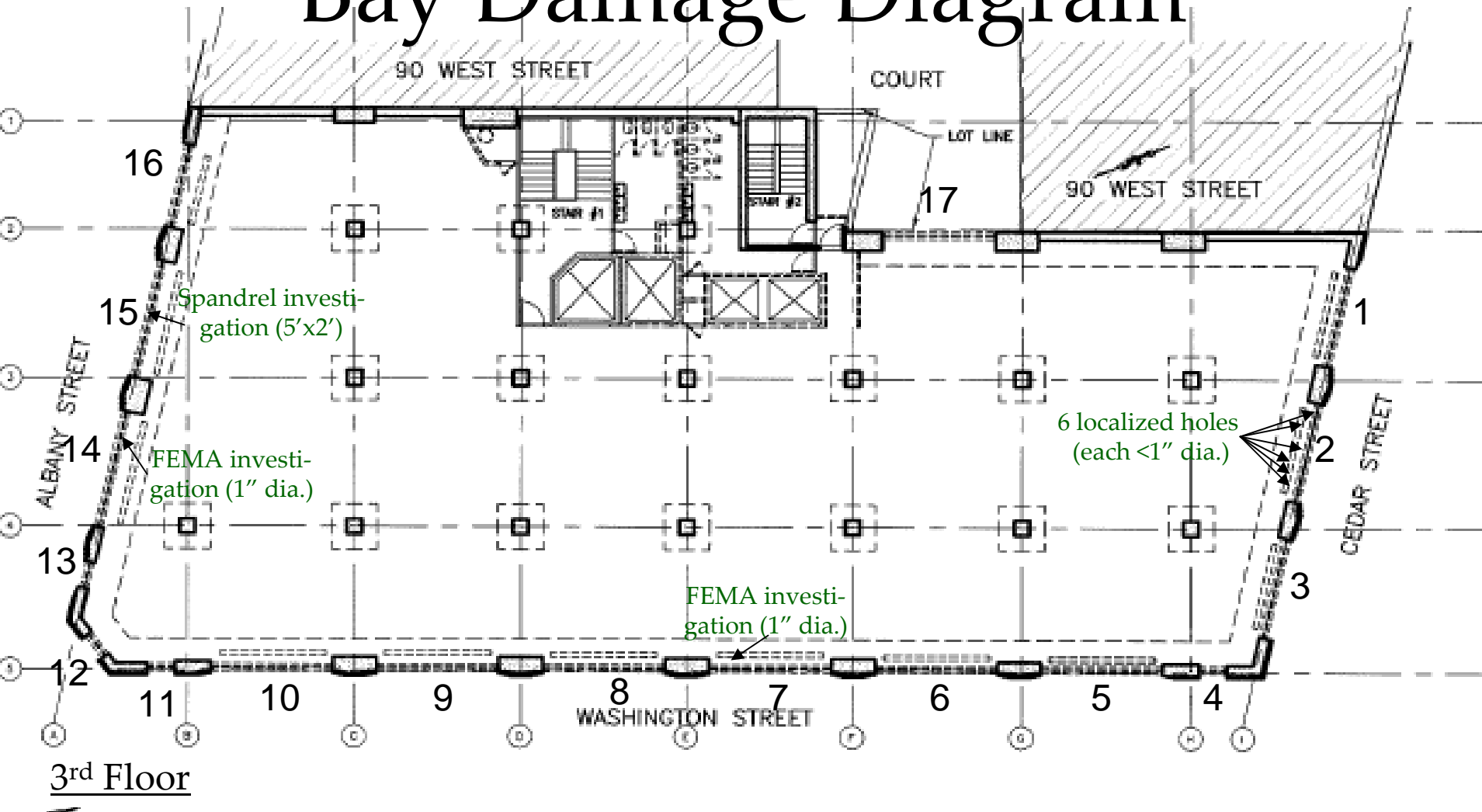
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Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

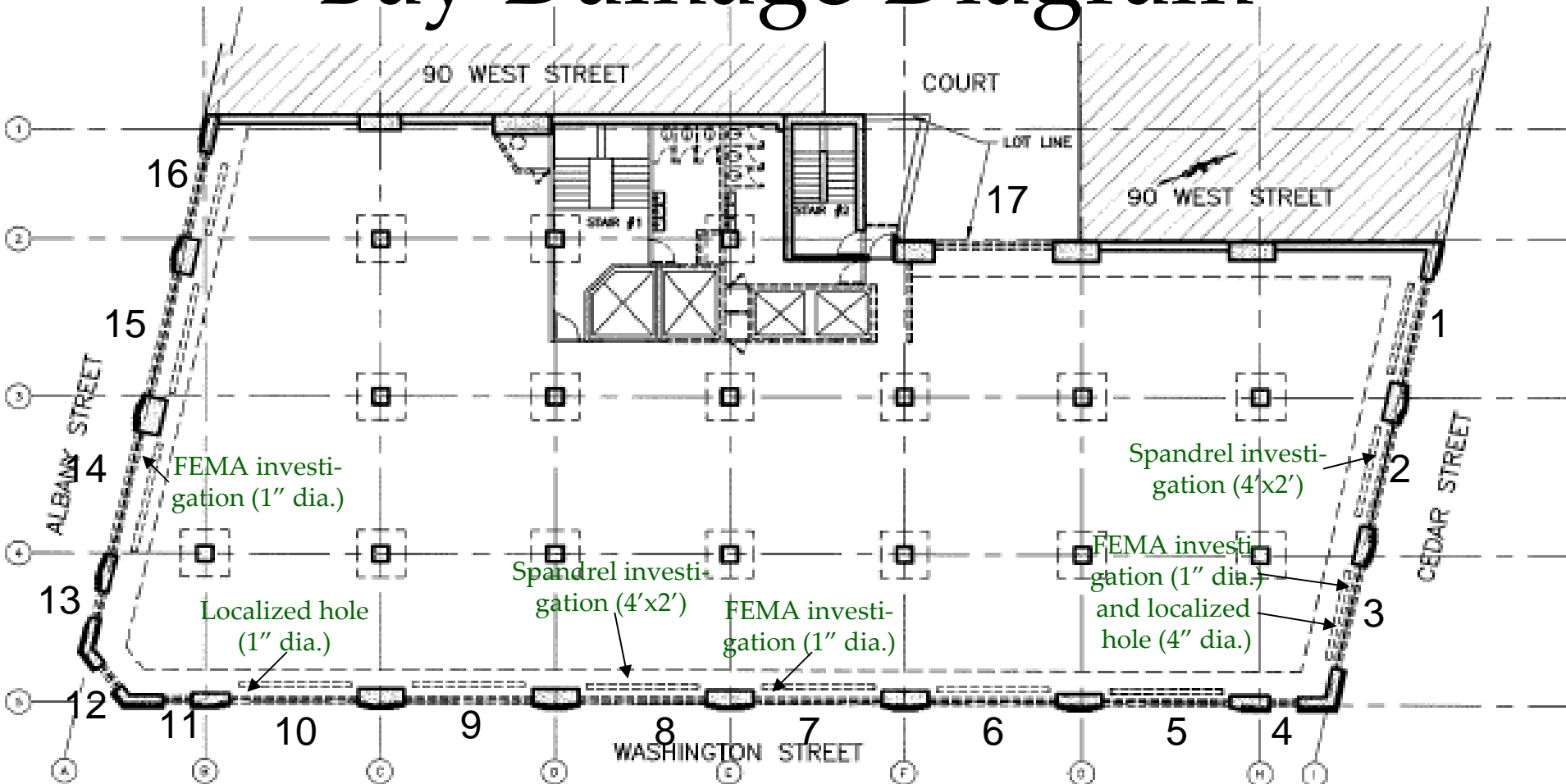
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Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



4th Floor

NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

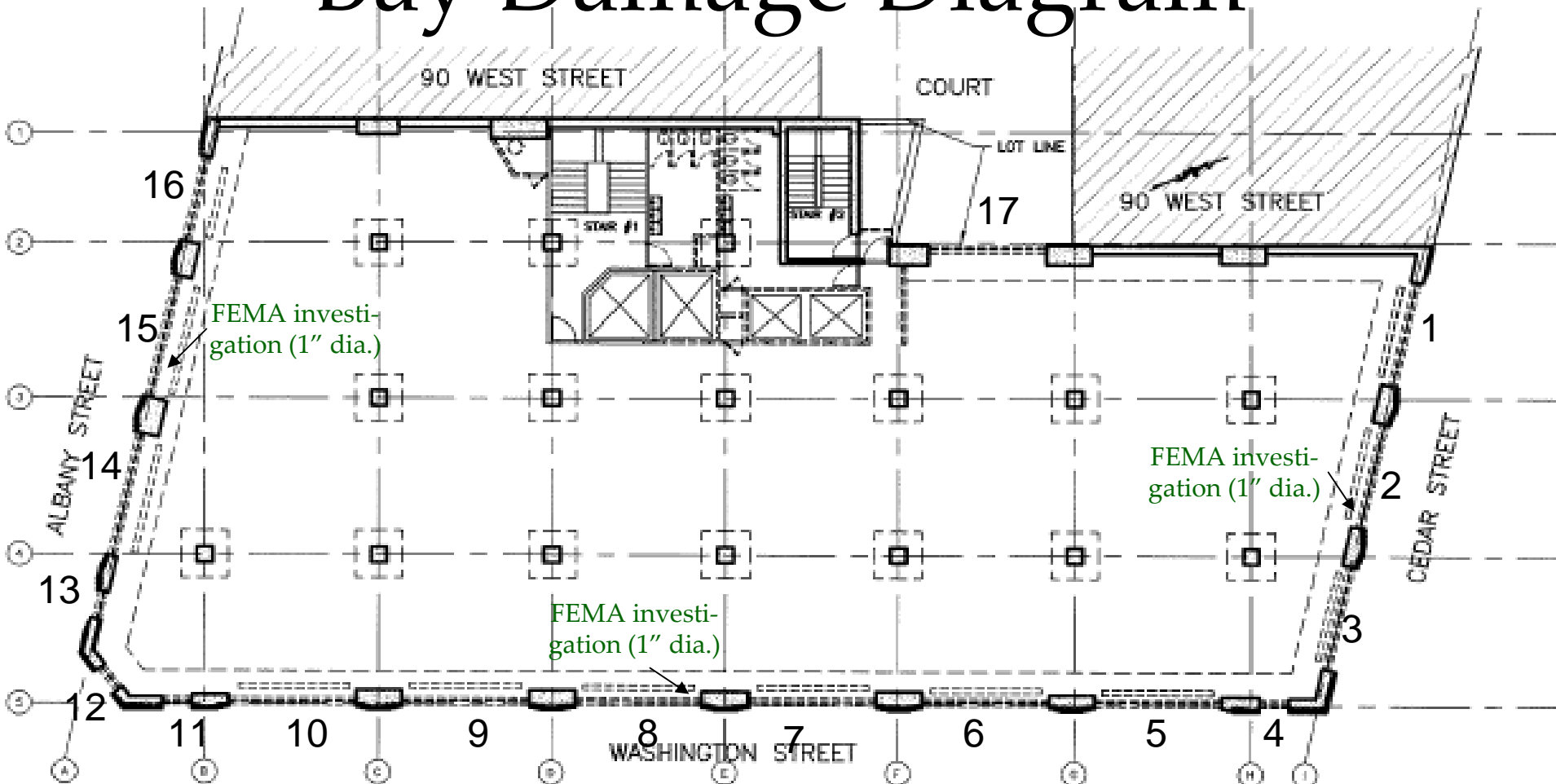
Spandrel Investigation refers to previous spandrel wall investigations on interior spandrel wall

Other notes located in the interior portion of the floorplan refer to all other interior breaches and are described in the diagram

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Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



5th Floor

NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

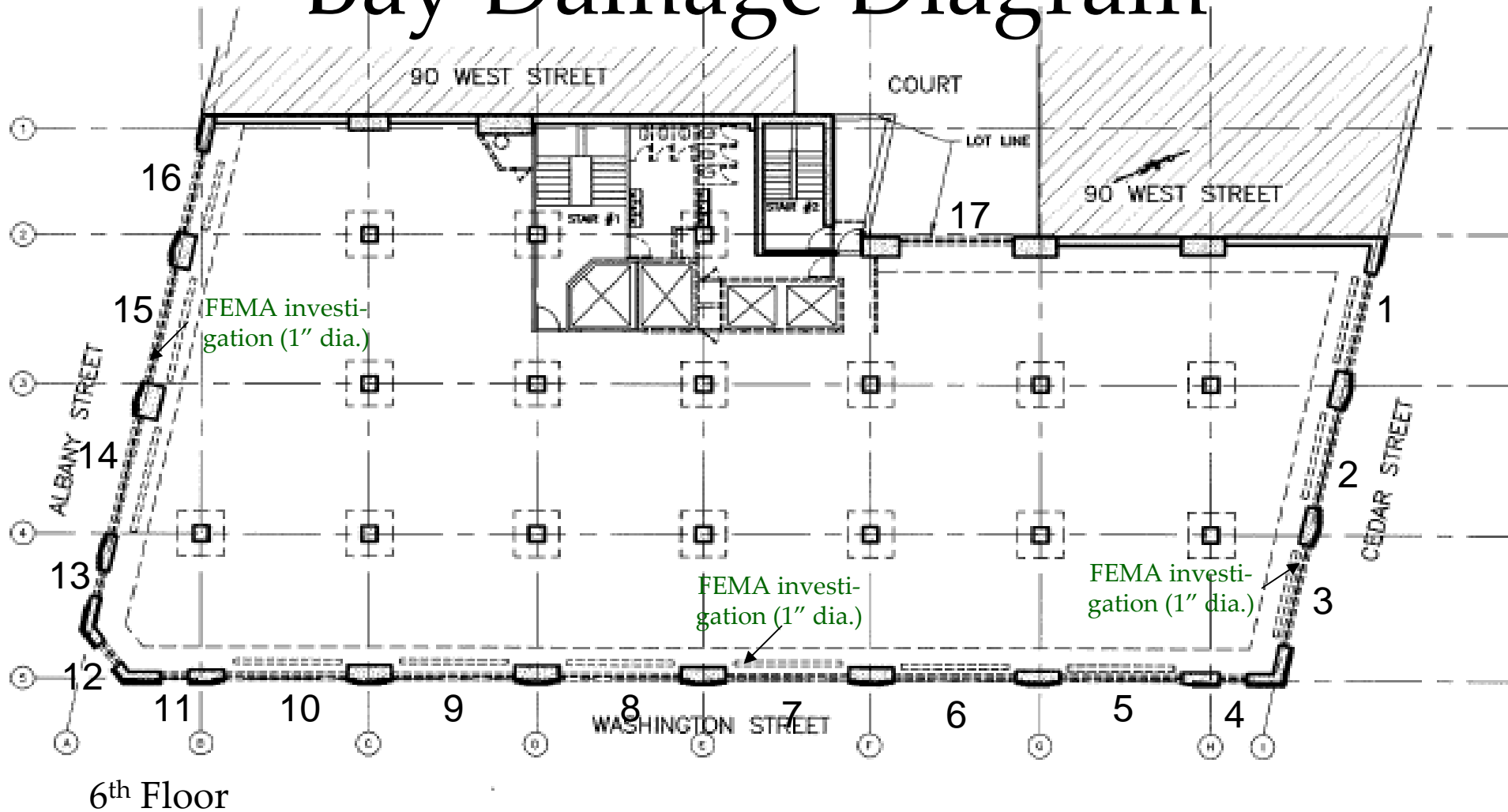
Spandrel Investigation refers to previous spandrel wall investigations on interior spandrel wall

Other notes located in the interior portion of the floorplan refer to all other interior breaches and are described in the diagram

NOTE: **Bay Damage** refers to breaches in the exterior side of spandrel wall, exterior support column, and/or exterior window column.

Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

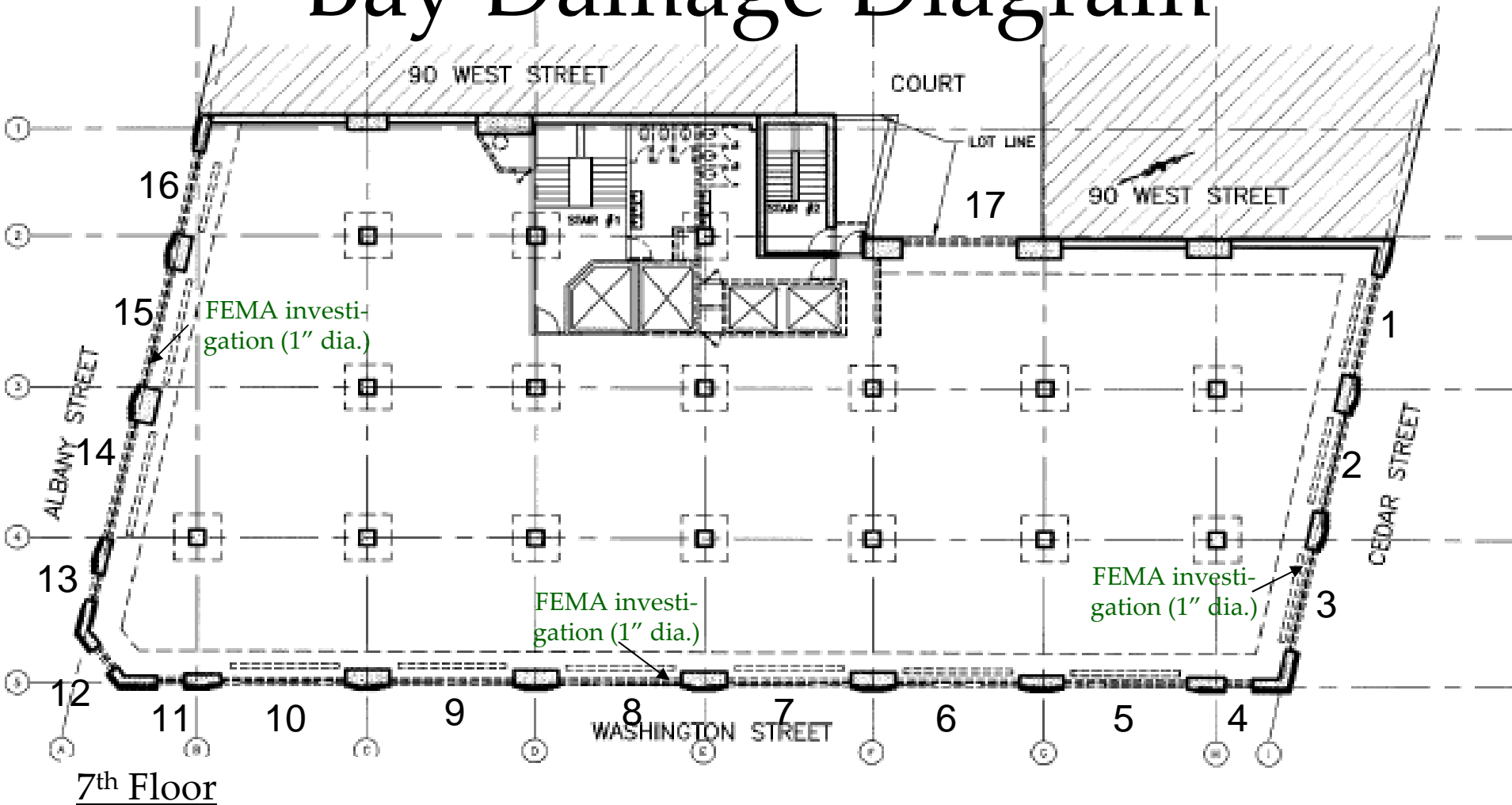
Spandrel Investigation refers to previous spandrel wall investigations on interior spandrel wall

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NOTE: **Bay Damage** refers to breaches in the exterior side of spandrel wall, exterior support column, and/or exterior window column.

Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

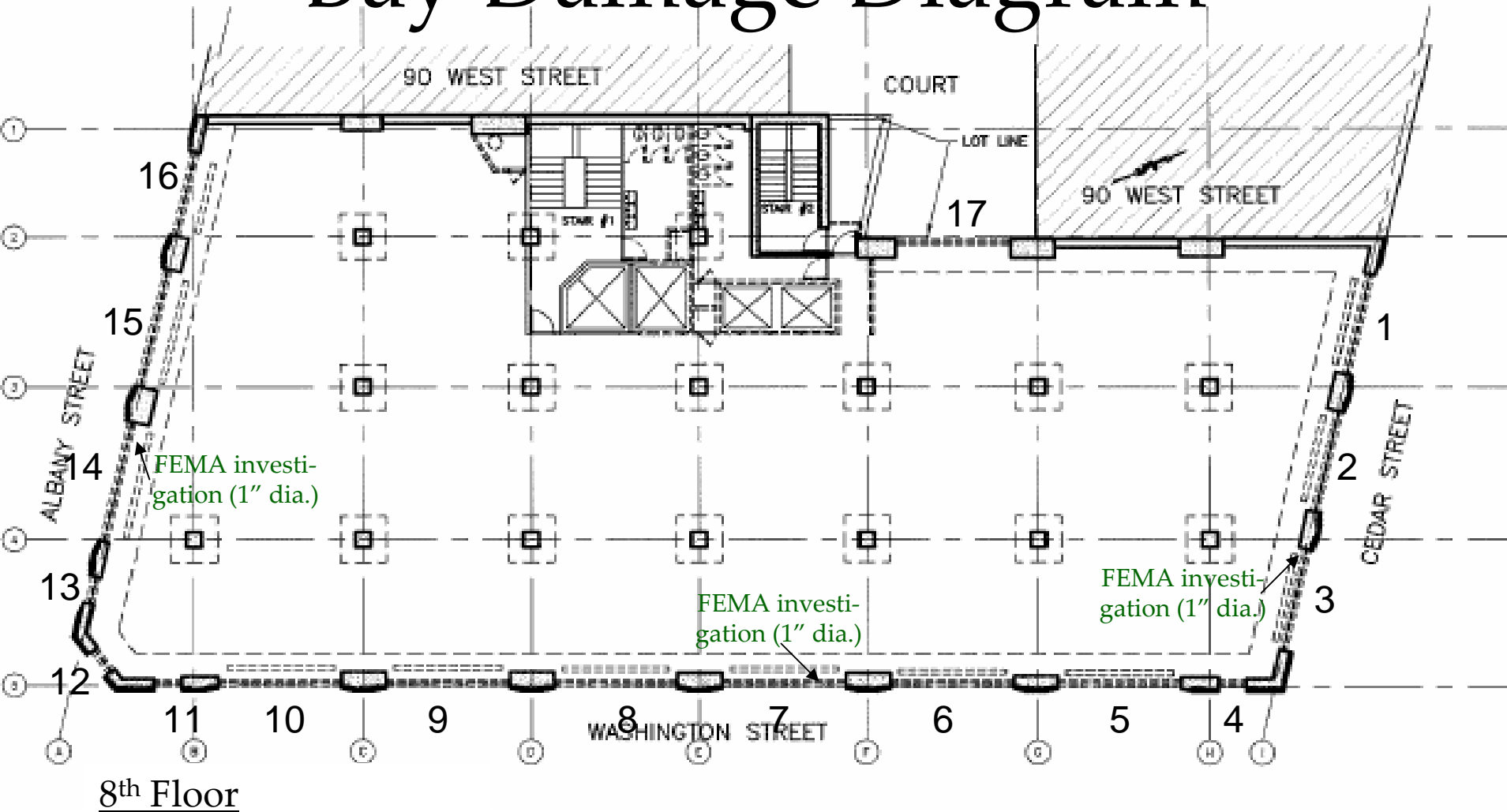
Spandrel Investigation refers to previous spandrel wall investigations on interior spandrel wall

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NOTE: **Bay Damage** refers to breaches in the exterior side of spandrel wall, exterior support column, and/or exterior window column.

Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



8th Floor

NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

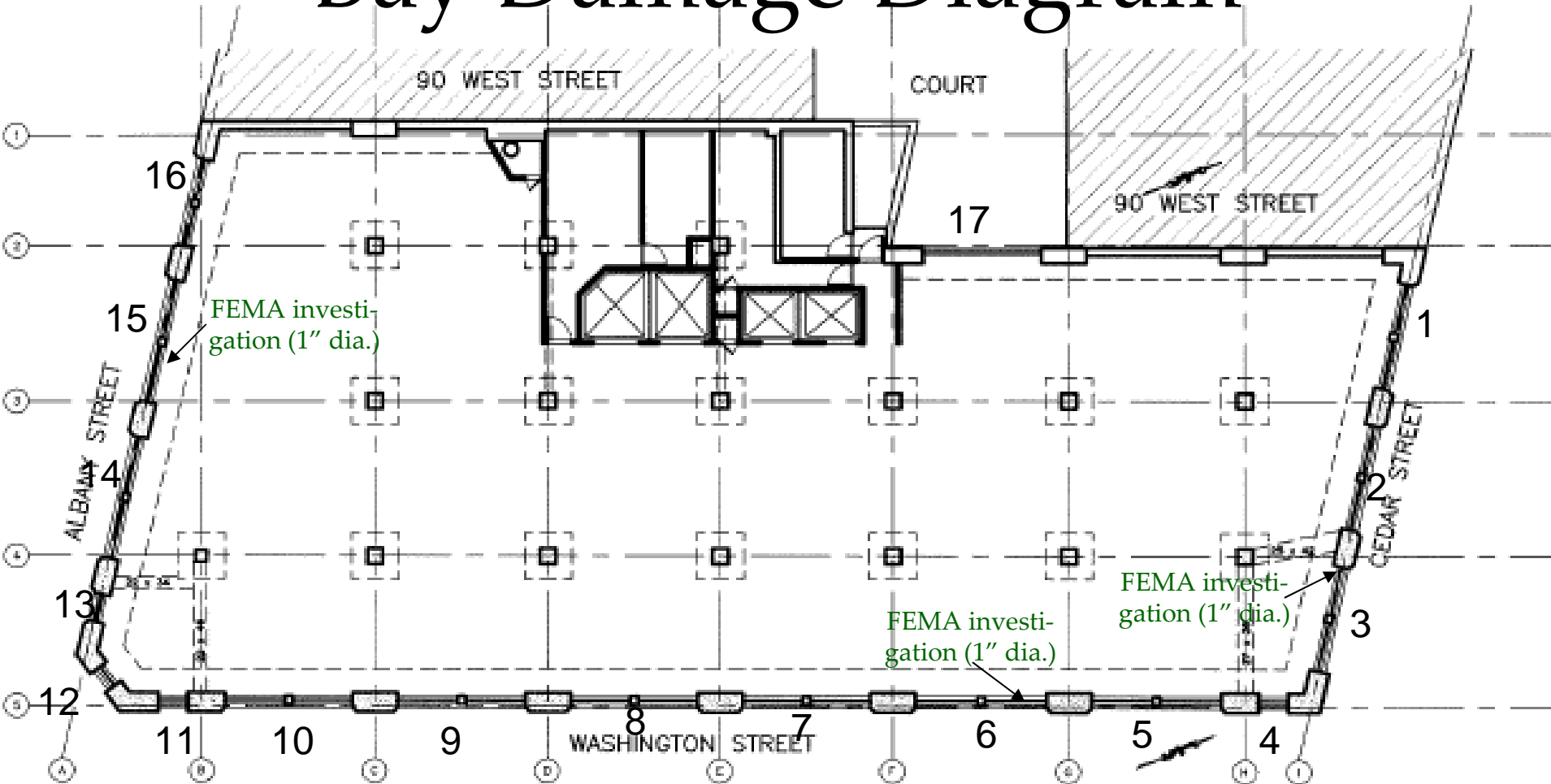
Spandrel Investigation refers to previous spandrel wall investigations on interior spandrel wall

Other notes located in the interior portion of the floorplan refer to all other interior breaches and are described in the diagram

NOTE: **Bay Damage** refers to breaches in the exterior side of spandrel wall, exterior support column, and/or exterior window column.

Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



9th Floor

NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

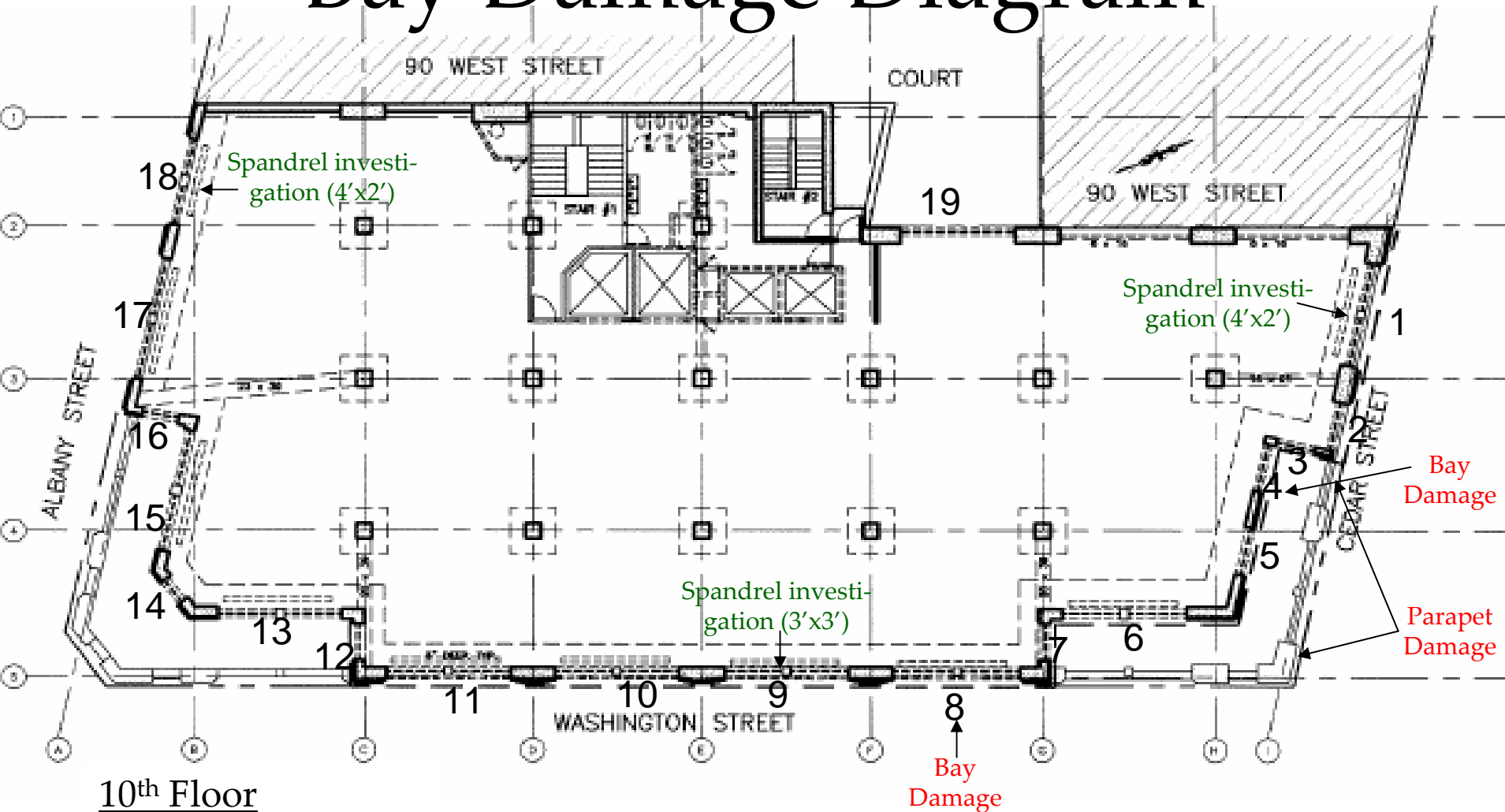
Spandrel Investigation refers to previous spandrel wall investigations on interior spandrel wall

Other notes located in the interior portion of the floorplan refer to all other interior breaches and are described in the diagram

NOTE: **Bay Damage** refers to breaches in the exterior side of spandrel wall, exterior support column, and/or exterior window column.

Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

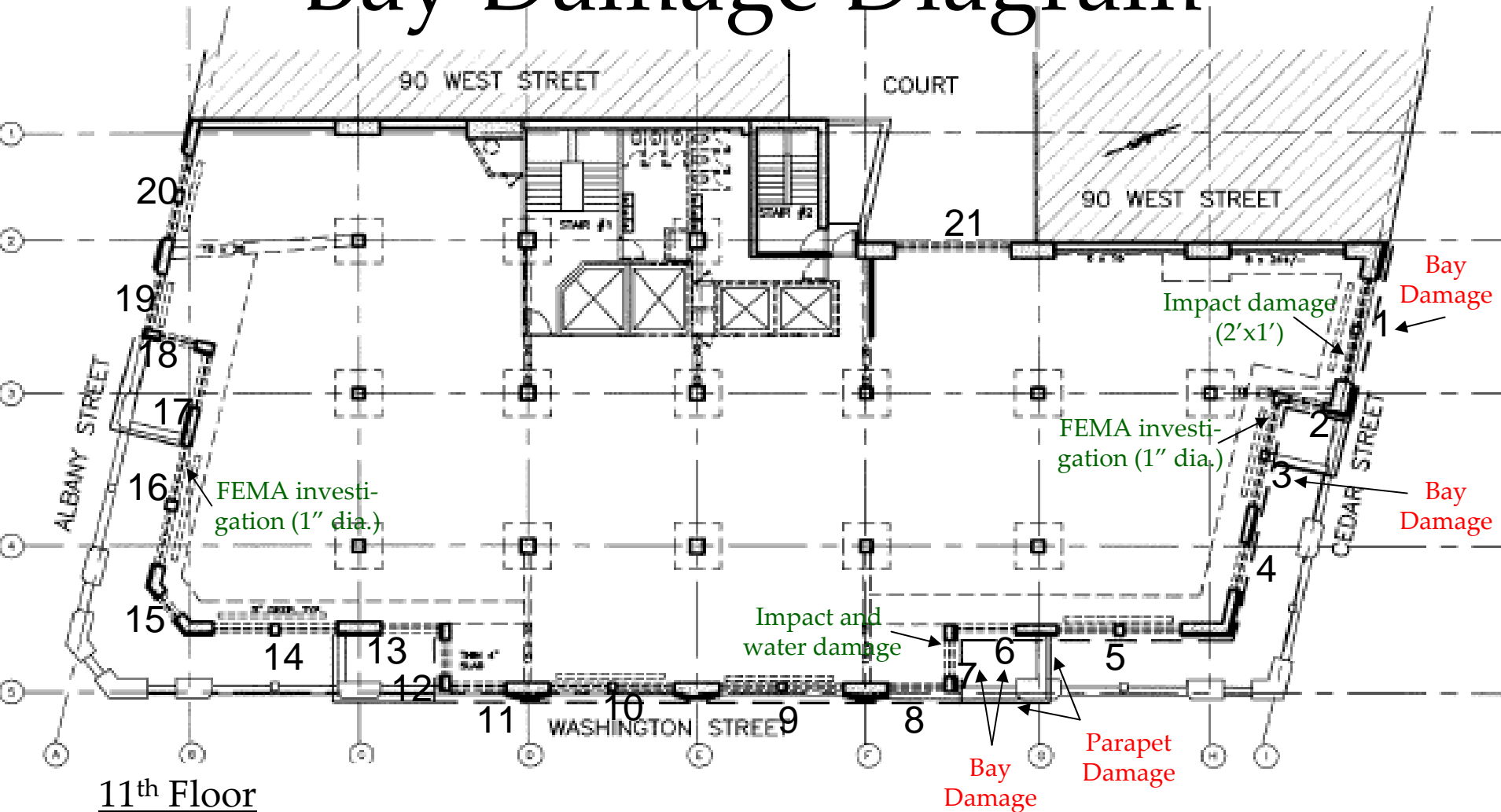
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Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



NOTE: **FEMA Investigation** refers to 1" dia. drill holes on interior spandrel wall

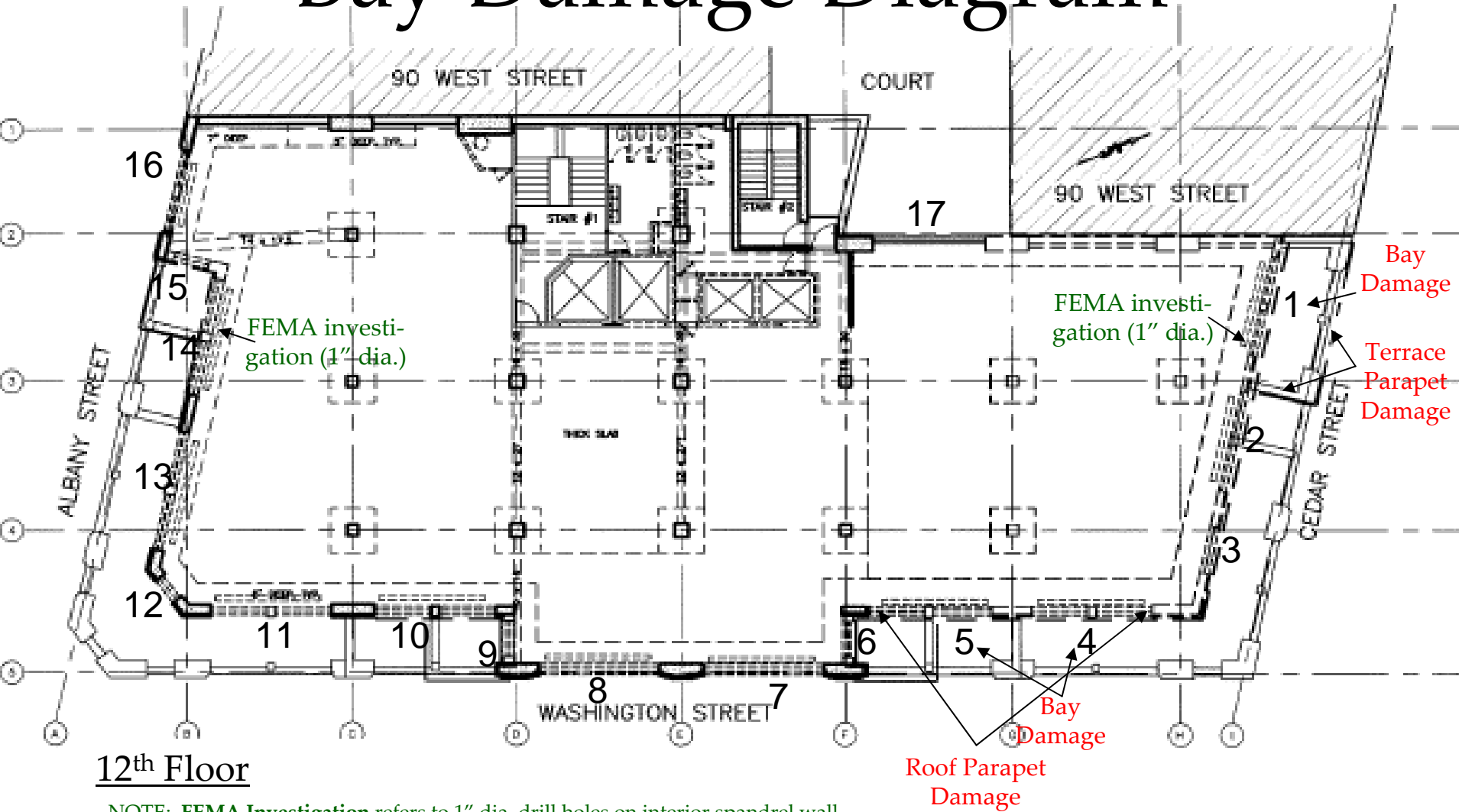
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Parapet Damage refers to breaches in roof or terrace parapet

Bay Damage Diagram



2.4 Appendix D: Selective Demolition Drawings

130 CEDAR STREET

GENERAL NOTES

1. All work shall comply with applicable local and municipal building codes, as well as any and all regulatory agencies, including, but not limited to, OSHA. General Notes shall apply to all drawings.

3. The Contractor shall verify all job conditions, dimensions and details prior to construction, and as anticipated or inferred prior to pricing or bidding. Koenen Associates shall be notified of any discrepancies or omissions which would interfere with the satisfactory completion of the work, prior to the start of any and all work.

4. The Contractor shall have had experience on at least three projects involving qualities and complexities at least equal to those required under all divisions detailed in these drawings. All workmen performing under this work shall be skilled workmen in their respective trades.

5. All work, whether shown or implied, unless specifically questioned, shall be considered fully understood in all respects by the General Contractor, and he will be responsible for any misinterpretations or consequences thereof for all work on all drawings.

6. The Contractor shall review and familiarize himself with the General Notes & Specifications dwg. and determine which notes apply directly to his responsibility. Each subtrade will be responsible for reviewing the entire set of drawings and noting their work as applicable. All labor, materials, equipment, etc. required for the work as indicated or inferred on the drawings will be deemed and included in all Contractors' costs.

7. Construction Manager shall be responsible to pick up the building permit at the Building Department offices and pay all outstanding fees.

8. Construction Manager shall provide all the drawings, completed paperwork, and certificates of inspection and shall perform all the controlled inspections as required for Building Department approval.

9. Upon completion of the job, the Construction Manager shall submit certificates of inspection and a certificate of substantial completion (A.I.A. Document #G-704).

10. The Construction Manager shall submit in writing all proposals for additional work to the Architect's office for review and approval. No work is to proceed until a signed authorization to proceed is returned to the Construction Manager.

11. The Owner reserves the right to let other contracts in connection with the work of the project. The Construction Manager shall be responsible for coordination of work, and establishing schedules for all trades; he shall afford other Contractors reasonable opportunity for the introduction and storage of their materials and equipment and the execution of their work.

12. Contractor shall schedule all work to conform to the General Construction Schedule and shall cooperate with other Contractors in the required Sequential Installation Schedule as approved by the Architect.

13. Drawings are not to be scaled; dimensions govern.

14. All work is to conform to KA drawings and specifications and shall be new and best quality of the kind specified, unless specifically noted for existing to be reused.

15. Each Contractor is to maintain a complete and up-to-date set of drawings on the job at all times, including Contract Documents and Shop Drawings.

16. No material substitutions shall be made. KA will consider material change requests on an individual basis. Contractor shall submit samples and cuts for written approval by KA prior to the start of any work.

17. All manufactured articles, materials, and equipment shall be supplied, installed, connected, erected, used, cleaned, and conditioned as directed by the architect by the manufacturers, unless otherwise specified on the drawings.

18. All Contractors' shop drawings shall be submitted to KA for approval through the Construction Manager prior to work being performed, unless otherwise noted.

20. The Contractor shall be responsible for arranging with Construction Manager the use of elevator or other hoisting facilities for handling the delivery of materials. The Construction Manager shall be responsible for notifying all subtrades of conditions regarding elevator cab size, door openings, etc. any and all fees involved for the use of the hoisting facilities will be the responsibility of the Construction Manager.

21. Egress routes and fire stairs shall be kept clear at all times.

22. The Construction Manager shall maintain and operate an on site field office telephone and fax machine at all times during the course of construction work.

23. Workmen will be assigned one toilet area which the General Contractor will be responsible for cleaning, maintaining, and upon completion of the work, restoring to its original condition.

24. Construction personnel must carry proper identification at all times.

25. All ladders and scaffolding shall be in good operating condition. All damaged ladders, bakers, and rolling scaffolding shall be immediately removed from the job site.

26. All windows shall be kept closed in the work areas.

27. Fire extinguishers must be kept on the job site during construction.

28. The Construction Manager shall be responsible for maintaining the cleanliness of the work area and the areas involved in the delivery of his materials.

29. Construction Manager is responsible to clean up and remove from the premises all waste materials, rubbish, wrappings and salvages as generated by the construction, demolition and/or the delivery and installation of any products, materials, or equipment which is part of the Contract.

30. The Construction Manager will be responsible for all costs incurred for damages caused by his Subcontractors.

31. All existing structural shoring to remain; protect during demolition process

32. Each Contractor shall have a competent superintendent on the premises at all times when work is in progress.

33. All new shoring required for demolition to be designed by licensed engineer. Signed and sealed shop drawings to be submitted for approval.

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4

4

DEMOLITION SCHEDULE

1. INTERIOR NON-BEARING PARTITIONS AS INDICATED ON THE CONTRACT DRAWINGS INCLUDING, BUT NOT LIMITED TO: ELEVATOR SHAFT ENCLOSURES, STAIRWAY ENCLOSURES, RESTROOM WALLS.

2. DELETED.

3. ELEVATOR EQUIPMENT, RAILS, CARS, AND MOTORS AND ENCLOSURES.

4. ROOFTOP WATER STORAGE TANKS AND RELATED DUNNAGE.

5. PLUMBING FIXTURES AND RELATED PIPING.

6. ELECTRIC SWITCHGEARS AND PANELS IN BASEMENT

7. STEAM PIPES AND PERIMETER RADIATORS.

8. EXTERIOR BRICK PARAPETS AND FACE BRICKS FROM CONCRETE PARAPETS.

9. ALUMINUM WINDOWS AND FRAMES ON THE NORTH AND SOUTH FACADES. (SEE JCL ABATEMENT PACKAGE FOR STEEL CASEMENT WINDOWS AND STEEL FRAMES BENEATH EXISTING ALUMINUM WINDOWS). COORDINATE REMOVAL OF STEEL WINDOW ASSEMBLIES W/ ABATEMENT CONTRACTOR & CM.

10. EXTERIOR MASONRY SPANDREL PANELS AND NON-BEARING BRICK MULLIONS.

11. ROOFTOP BULKHEAD ENCLOSURES AND CONCRETE STRUCTURE.

12. EXTERIOR CONCRETE FACADE SPANDREL PANELS ON FLOORS 1, 2 & 3.

13. NORTH-END OF MAIN ROOF SLAB AND CONCRETE PARAPET BACKUP AS INDICATED ON CONTRACT DRAWINGS.

14. CONCRETE COLUMNS AND MASONRY WALLS DIRECTLY BENEATH CONCRETE ROOF SLAB TO BE REMOVED, DOWN TO THE 12TH FLOOR SLAB.

15. DELETED

EXISTING TO REMAIN

1. CONCRETE SLABS, COLUMNS, BEAMS UNLESS OTHERWISE NOTED
2. EXTERIOR MASONRY PILASTERS
3. ALL STRUCTURAL SHORING UNTIL DAMAGED AREA HAS BEEN REMOVED OR REPAIRED

RELATED WORK

1. SEE R. LEE GROUP ABATEMENT AND SELECTIVE DEMOLITION SPECIFICATION FOR COORDINATION AND EXTENT OF ABATEMENT WORK. COORDINATE DEMOLITION W/ ABATEMENT CONTRACTOR & CM.

NEW WORK:

1. REMOVAL, REPAIR OR REPLACEMENT OF SHELF ANGLES AT EXISTING BRICK PILASTERS TO REMAIN; ADD FLASHING AND WEEPS AT SHELF ANGLE LOCATIONS.

2. INSTALLATION OF LATERAL REINFORCING PINS, CLEANING AND REPAIR OF ALL EXISTING BRICK TO REMAIN.

3. INSTALLATION OF OSHA-APPROVED GUARD RAILS AT ALL OPEN SHAFTS, WINDOW OPENINGS AND SLAB EDGES.

4. INSTALLATION OF SEMI-PERMANENT WATERPROOFING ENCLOSURES AT ROOF OPENINGS AND OPEN MASONRY JOINTS. (AT PARTY WALLS)

5. INSTALLATION OF CMU ENCLOSURES FOR BASEMENT UTILITIES & REPAIR OF 10TH FLOOR PARTY WALL.

LOGISTICAL NOTES:

1. MAINTAIN FIRESTAIRS & EXIT PASSAGEWAYS AS REQUIRED TO MAINTAIN A MEANS OF EGRESS. REMOVE UPON COMPLETION OF NEW EXIT STAIRS.

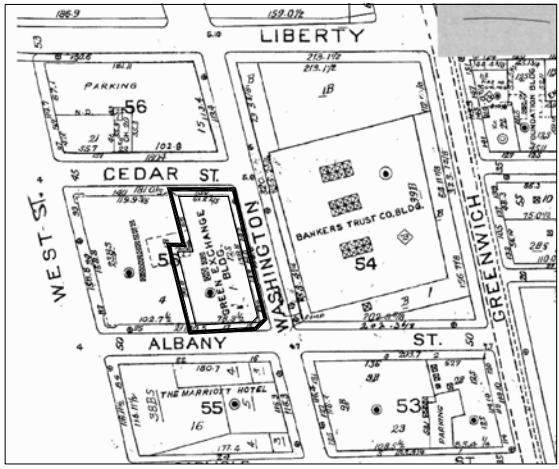
2. MAINTAIN FREIGHT ELEVATOR AS REQUIRED TO COMPLETE WORK AND COORDINATE FINAL DEMOLITION OF ELEVATOR W/ CM.

3. CM TO COORDINATE REMOVAL OF PARAPETS, FLASHING, AND ROOFING W/ INSTALLATION OF TEMPORARY ROOF ON 12TH FLOOR SLAB.

4. MAINTAIN PROTECTION OF LOWER LEVEL UTILITY ROOMS UNTIL NEW UTILITIES ARE INSTALLED.

5. MAINTAIN A SPRINKLER/STANDPIPE SYSTEM TO PROVIDE FIRE PROTECTION DURING COURSE OF WORK. CM TO COORDINATE REMOVAL OF SYSTEM UPON COMPLETION OF NEW SYSTEMS OR THROUGH OTHER MEANS APPROVED BY THE APPROPRIATE LOCAL AUTHORITIES.

SITE PLAN



BUILDING CODE DATA

SITE:
BLOCK: 56 LOTS 1 & 3
130 CEDAR STREET
NEW YORK, NEW YORK

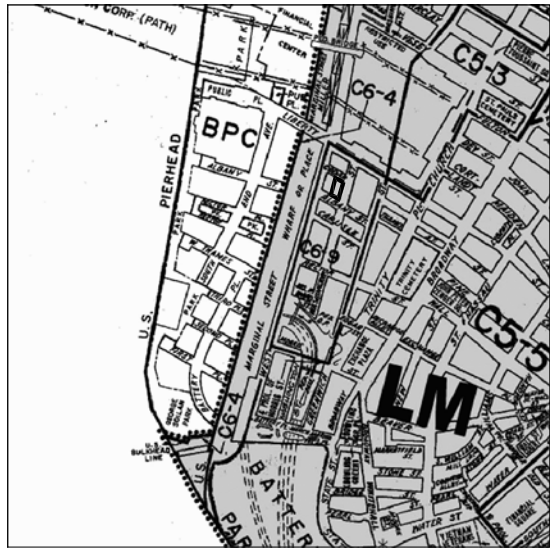
BUILDING DEPARTMENT NOTES

1. Building is to be examined under Old Code.
2. Building is Class 1 Fireproof Construction.
3. Existing CO: complies; no change to use, occupancy, zoning, fire protection or egress.
4. Items subject to controlled inspection: None.
5. All work shall comply with NYCDOB requirements, rules, and regulations.

ZONING DATA

ZONING DISTRICT: C6-9, LOWER MANHATTAN SPECIAL DISTRICT

ZONING MAP



DRAWING LIST

D1-0 TITLE PAGE
D1-1 INTERIOR DEMOLITION FLOOR PLANS
D1-2 EXTERIOR FACADE DEMOLITION AND RESTORATION DRAWINGS

SIGN & SEAL

01-02-07 REVISED PER NYCDOB COMMENTS
09-02-06 COORDINATED W/ SCHEMATIC DESIGN
11-08-04 PERMIT RESUBMISSION (CAD DRAWN)
10-04-04 REVISED FOR CONSTRUCTION (HAND DRAWN)
07-15-04 FOR BID & PERMIT

ISSUE DATE REVISION

130 CEDAR STREET
NEW YORK, NEW YORK
SELECTIVE DEMOLITION
& FACADE RESTORATION

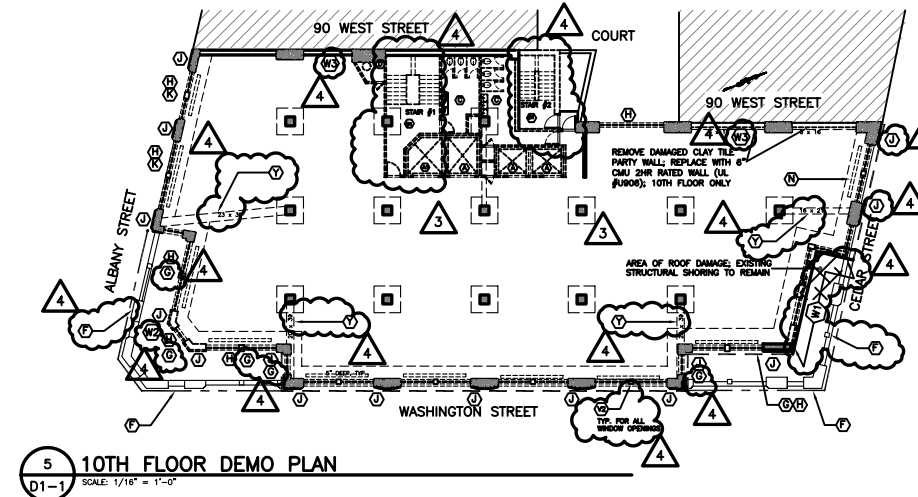
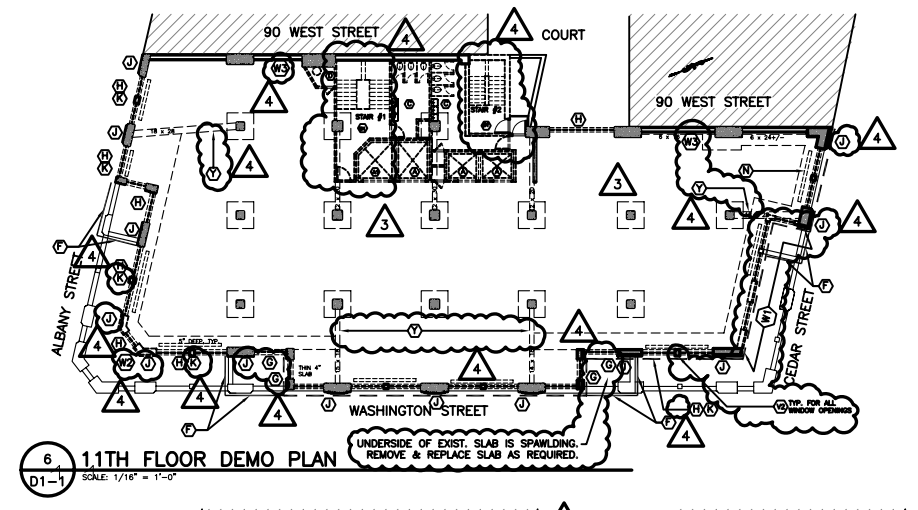
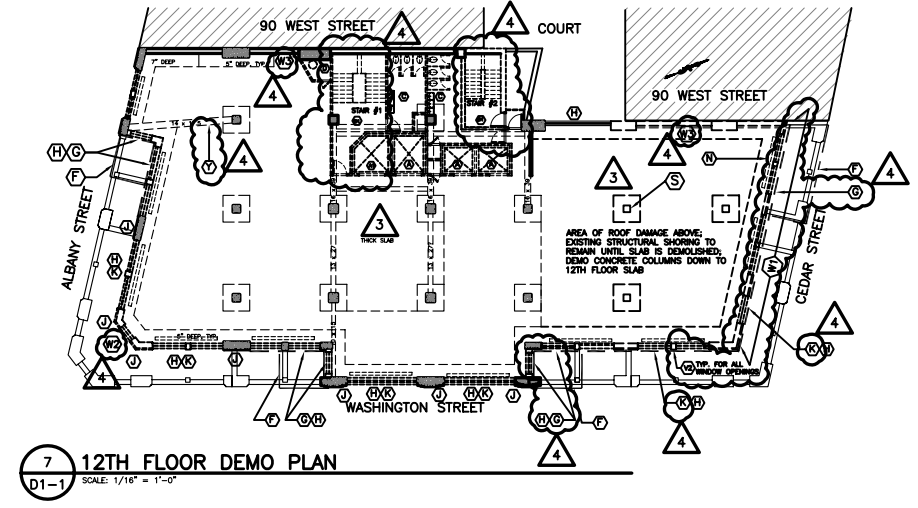
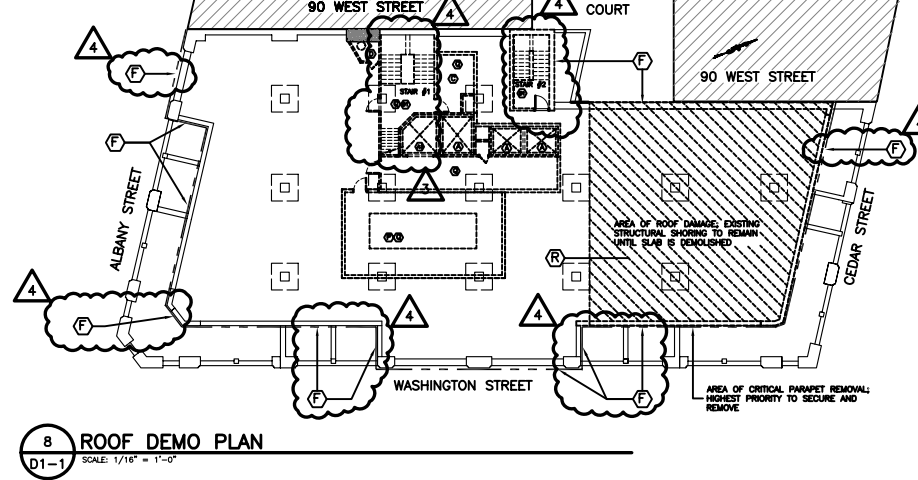
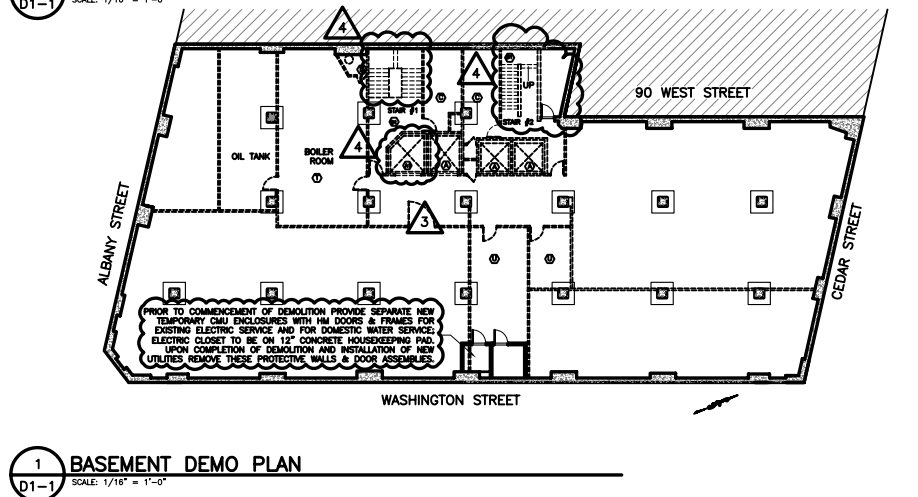
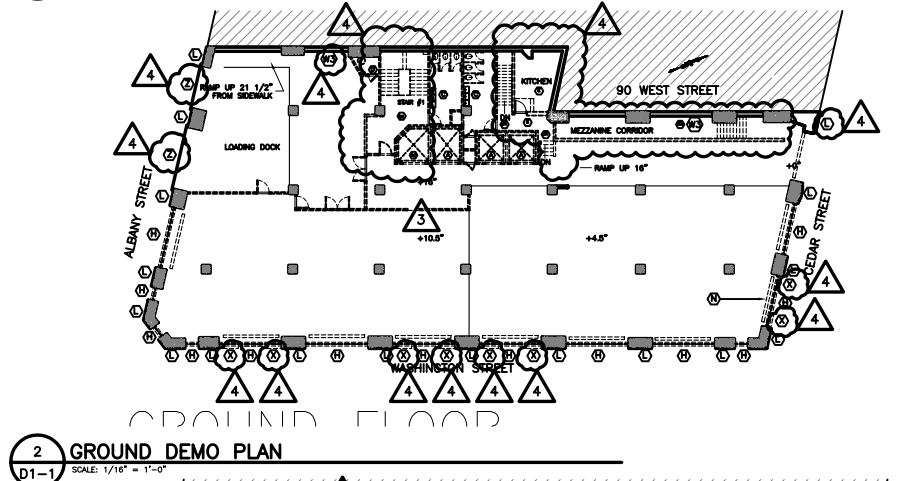
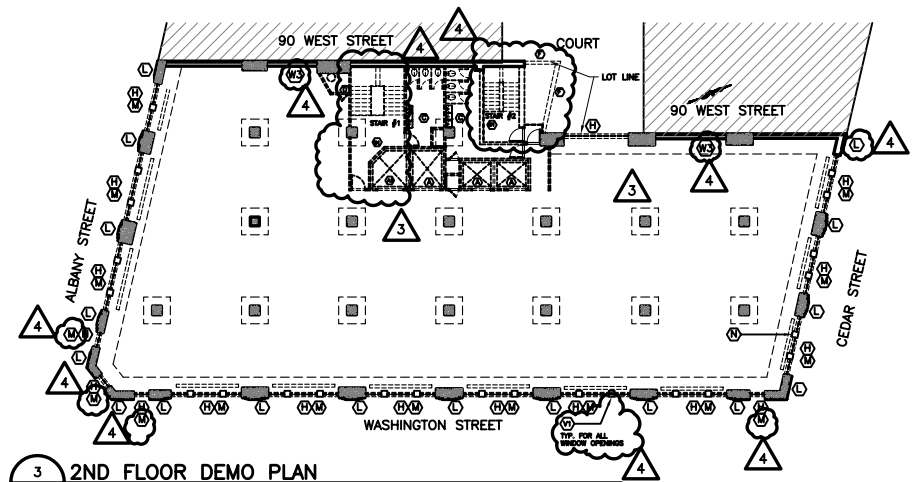
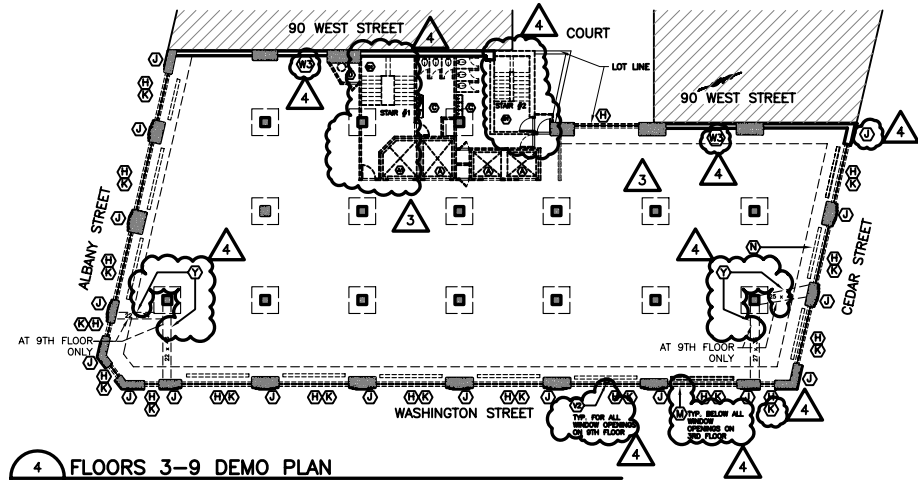
OWNER:
CEDAR & WASHINGTON STREET
ASSOCIATES, LLC
ARCHITECT:
KOENEN ASSOCIATES
ARCHITECTS AND PLANNING CONSULTANTS
6 West 18th Street New York, New York 10011
Tel: 212-206-8333 Fax: 212-633-4476

STRUCTURAL ENGINEERS:
SEVERUD ASSOCIATES
CONSULTING ENGINEERS P.C.
38 East 29th Street New York, New York 10016
Tel: 212-986-3700 Fax: 212-689-5440

MEP-PF ENGINEERS:
LORING
CONSULTING ENGINEERS
21 Penn Plaza New York, New York 10001
Tel: 212-563-7400 Fax: 212-563-7382

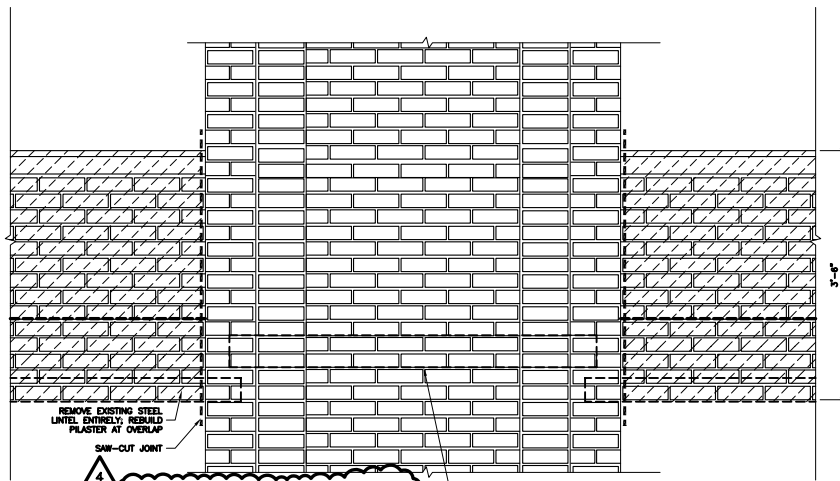
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TITLE PAGE

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CHECKED BY: MJK
DRAWING NUMBER:
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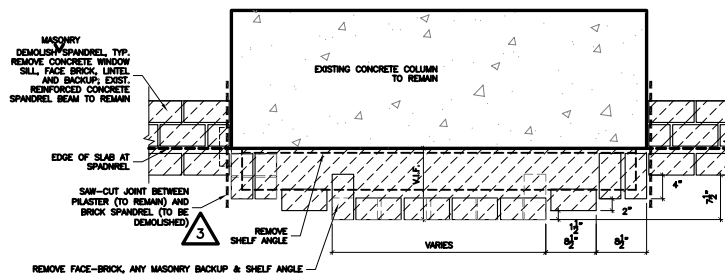


- EXISTING ELEVATORS ENCLOSURES AND EQUIPMENT TO BE DEMOLISHED AND REMOVED. PROVIDE OSHA APPROVED RAILINGS AROUND ALL OPEN SHAFTS.
- EXISTING FREIGHT ELEVATOR, ENCLOSURE AND EQUIPMENT TO BE DEMOLISHED AND REMOVED. PROVIDE OSHA APPROVED RAILINGS AROUND ALL OPEN SHAFTS. EXIST. EXTERIOR WALL TO REMAIN.
- EXISTING FIRESTAIR TO BE DEMOLISHED AND PREPARE FOR NEW INFILL SLAB. REMOVE ALL DOORS, WALLS, RAILINGS, ETC. PROVIDE OSHA APPROVED RAILINGS AROUND ALL OPEN SHAFTS. EXIST. EXTERIOR WALL TO REMAIN.
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- EXISTING RESTROOMS TO BE DEMOLISHED; REMOVE ALL FIXTURES, PIPES AND WALLS.
- EXISTING BOILER FLUE & ENCLOSURE TO BE DEMOLISHED AND REMOVED; PROVIDE OSHA APPROVED RAILINGS AROUND ALL OPEN SHAFTS.
- REMOVE EXIST. RAISED/DEPRESSED STRUCTURAL FLOOR SLAB CONSTRUCTION IN ITS ENTIRETY & PREPARE FOR NEW INFILL SLAB CONSTRUCTION TO BE FLUSH W/ ADJACENT FLOOR SLAB LEVEL.
- PARAPET / SPANDREL DEMOLITION: REMOVE EXIST. CONCRETE COPING BACK-UP WALL, FACE BRICK, & SHELF ANGLES DOWN TO WINDOW HEAD AT FLOOR BELOW.
- REMOVE FACE BRICK AND MASONRY BACK-UP WALL IN ITS ENTIRETY DOWN TO STRUCTURAL CONCRETE SLAB.
- REMOVE ALUMINUM WINDOWS & WINDOW FRAMES ON NORTH & SOUTH FACADES (SEE JCL ABATEMENT PACKAGE FOR REMOVAL OF ORIGINAL STEEL CASEMENT WINDOWS AND FRAMES ON EAST FACADE).
- EXISTING BRICK PLASTER TO REMAIN: REPAIR AS REQUIRED TO PROVIDE A SOUND SUBSTRATE FOR ANCHORING OF NEW CLADDING.
- SPANDREL TO BE REMOVED: REMOVE SILL, FACE-BRICK, BRICK BACK-UP WALL & STEEL LINTEL/SHELF ANGLE AND REINFORCED CONCRETE SPANDREL BACK-UP. EXIST. EDGE OF SLAB TO REMAIN. CUT EXIST. SPANDREL WALL REINFORCING DOWN FLUSH W/ SLAB.
- EXISTING CONC. VENEER PANELS TO REMAIN: REPAIR AS REQUIRED TO PROVIDE A SOUND SUBSTRATE FOR ANCHORING OF NEW CLADDING.
- REMOVE EXIST. CONC. VENEER SPANDREL PANELS AND NON-STRUCTURAL BRICK BACKUP.
- REMOVE ALL EXISTING STEAM PIPES AND PERIMETER RADIATORS FOR ENTIRE FLOOR.
- REMOVE WATER STORAGE TANKS AND RELATED DRAINAGE.
- REMOVE ROOF BULKHEADS AND CONCRETE STRUCTURE DOWN TO MAIN ROOF STRUCTURE.
- REMOVE CONCRETE ROOF SLAB AND CONCRETE PARAPET BACKUP WALL.
- REMOVE CONCRETE COLUMNS AND NON-BEARING MASONRY PARTITIONS DOWN TO 12TH FLOOR SLAB.
- REMOVE BOILERS AND ASSOCIATED FUEL STORAGE TANKS.
- REMOVE EXISTING ELECTRIC SWITCHGEAR AND PANELS.
- REMOVE ALL EXIST. MASONRY BACK-UP & CONC. VENEER MULLIONS.
- REMOVE ALL EXIST. MASONRY BACK-UP & BRICK VENEER MULLIONS.
- REMOVE EXIST. WALL, PIERS, SPANDRELS, ETC. IN ITS ENTIRETY DOWN TO STRUCTURAL SLAB. CM TO COORDINATE W/ STRUCTURAL ENGINEERING DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
- REMOVE EXIST. PIER IN ITS ENTIRETY. CM TO COORDINATE W/ STRUCTURAL ENGINEERING DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
- REMOVE EXIST. WALL ADJ. TO NEIGHBORING BUILDING AS REQUIRED.
- REMOVE EXIST. LOW CONC./MASONRY WALL IN ITS ENTIRETY.
- EXIST. CONC. TRANSFER BEAM ABOVE TO REMAIN.
- REMOVE EXIST. O.H. DOOR ASSEMBLY.

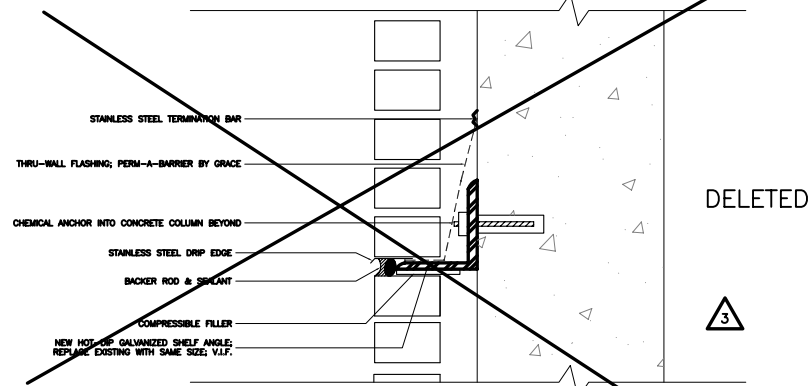
<p>EXISTING WALL TO BE DEMOLISHED</p> <p>EXISTING WALL TO REMAIN</p> <p>DEMOLITION BOUNDARY NO DEMO BEYOND THIS LINE</p>		
<p>GENERAL NOTES:</p> <p>1. PLANS SHOW APPROXIMATE LOCATIONS.</p> <p>2. BUILDING SHALL REMAIN SEALED THROUGHOUT ABATEMENT PROCESS. UPON COMPLETION OF ABATEMENT, CONTRACTORS MAY REMOVE PLYWOOD WINDOW COVERS IN WORK AREA. RESTORE WINDOW COVERS NIGHTLY AT ALL LOCATIONS WHERE ENTRY TO THE BUILDING IS POSSIBLE. PROVIDE TEMPORARY DUST BARRIERS AS REQUIRED.</p> <p>3. REMOVE ALL ROOF DRAINS, LEADERS, AND SCUPPERS.</p> <p>4. REMOVE ROOFING SYSTEM INCLUDING, BUT NOT LIMITED TO, BALLAST, MEMBRANES, INSULATION, ACCESSORIES, ETC.</p> <p>5. REMOVE ALL EXISTING ROOF TERRACE PAVERS.</p> <p>6. REMOVE ALL EXISTING EXTERIOR LIGHT FIXTURE ASSEMBLIES, INCLUDING BACK BOXES, AND RELATED WIRING BACK TO PANEL.</p> <p>7. ALL STRUCTURAL COLUMNS & CAPITALS SHALL REMAIN U.O.N.</p> <p>8. ALL DROPPED SLAB EDGES & INTEGRAL CONC. BEAMS TO REMAIN U.O.N.</p> <p>9. COORDINATE REMOVAL OF FLASHING W/ ABATEMENT CONTRACTOR & CM.</p> <p>10. COORDINATE REMOVAL OF ROOF DRAINAGE W/ TEMPORARY ROOF.</p> <p>11. SPRINKLER STANDPIPE & DISTRIBUTION TO BE REMOVED.</p>		
<p>09-02-06 COORDINATED W/ SCHEMATIC DESIGN</p> <p>11-08-04 PERMIT RESUBMISSION (CAD DRAWING)</p> <p>10-04-04 REVISED FOR CONSTRUCTION CHAND DRAWING</p> <p>1 07-15-04 FOR BID AND PERMIT</p>	ISSUE	REVISION
<p>130 CEDAR STREET NEW YORK, NEW YORK</p> <p>SELECTIVE DEMOLITION & FACADE RESTORATION</p>		
<p>OWNER CEDAR & WASHINGTON STREET ASSOCIATES, LLC</p> <p>ARCHITECT KOENIG ASSOCIATES ARCHITECTS AND PLANNING CONSULTANTS 5 West 18th Street New York, New York 10011 Tel: 212-206-8333 Fax: 212-633-6476</p> <p>STRUCTURAL ENGINEERS SEVERUD ASSOCIATES CONSULTING ENGINEERS P.C. 38 East 29th Street New York, New York 10016 Tel: 212-986-3700 Fax: 212-689-5449</p> <p>MEP-PE ENGINEERS: LORING CONSULTING ENGINEERS 51 Penn Plaza New York, New York 10001 Tel: 212-563-7400 Fax: 212-563-7382</p>		
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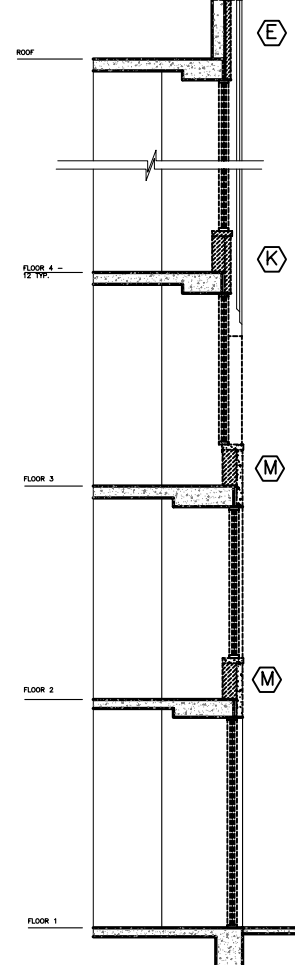
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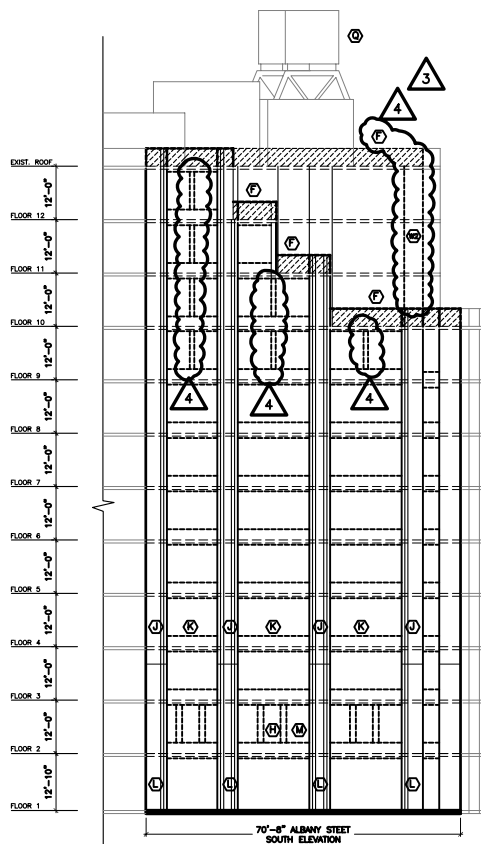
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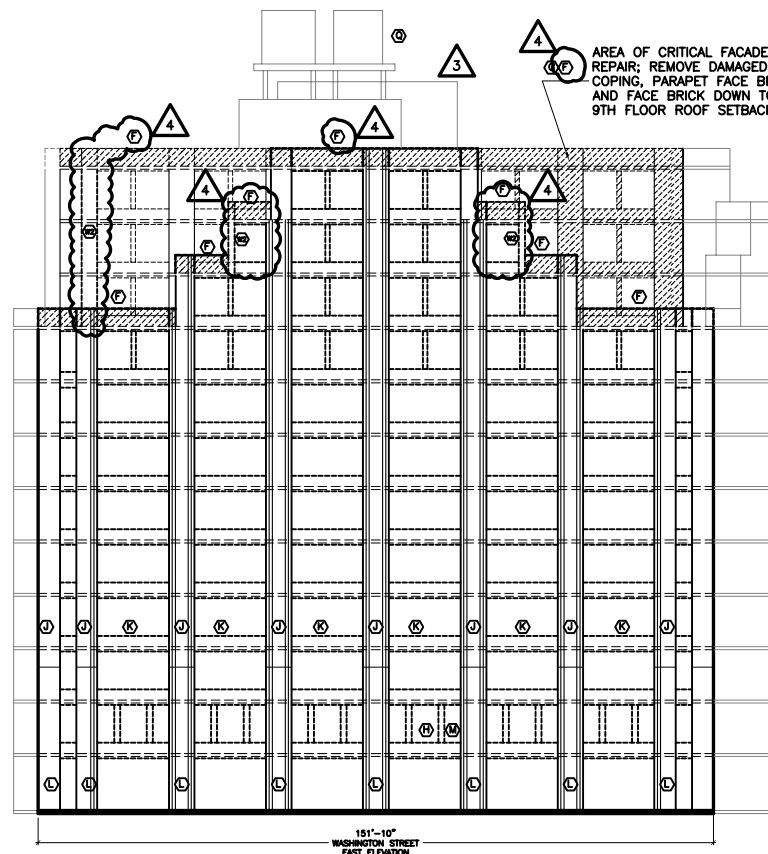
5 TYPICAL SHELF ANGLE REPLACEMENT/RESTORATION
D1-2 SCALE: 3/4" = 1'-0"



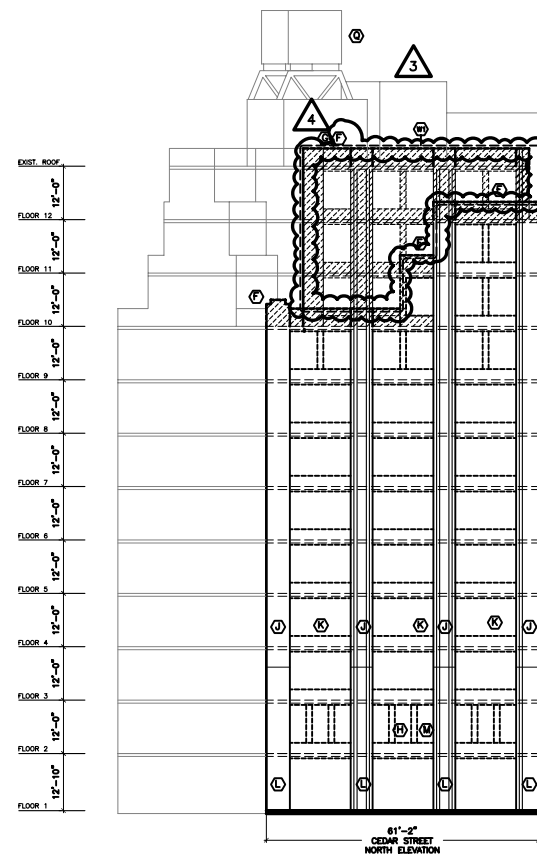
4 TYP. SECTION THRU SPANDREL
D1-2 SCALE: 1/4" = 1'-0"



3 ALBANY STREET FACADE (SOUTH)
D1-2 SCALE: 1/32" = 1'-0"



2 WASHINGTON STREET FACADE (EAST)
D1-2 SCALE: 1/32" = 1'-0"



1 CEDAR STREET FACADE (NORTH)
D1-2 SCALE: 1/16" = 1'-0"

- A** EXISTING ELEVATOR ENCLOSURES AND EQUIPMENT TO BE DEMOLISHED AND REMOVED. PROVIDE OSHA APPROVED RAILINGS AROUND ALL OPEN SHAFTS.
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GENERAL NOTES:

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09-02-06	COORDINATED W/ SCHEMATIC DESIGN
11-08-04	PERMIT RESUBMISSION (CAD DRAWING)
10-04-04	REVISED FOR CONSTRUCTION CHANG DRAWING
07-15-04	FOR BID AND PERMIT

ISSUE	DATE	REVISION
-------	------	----------

130 CEDAR STREET
NEW YORK, NEW YORK

**SELECTIVE DEMOLITION
& FACADE RESTORATION**

OWNER
CEDAR & WASHINGTON STREET
ASSOCIATES, LLC

ARCHITECT
KOENEN ASSOCIATES
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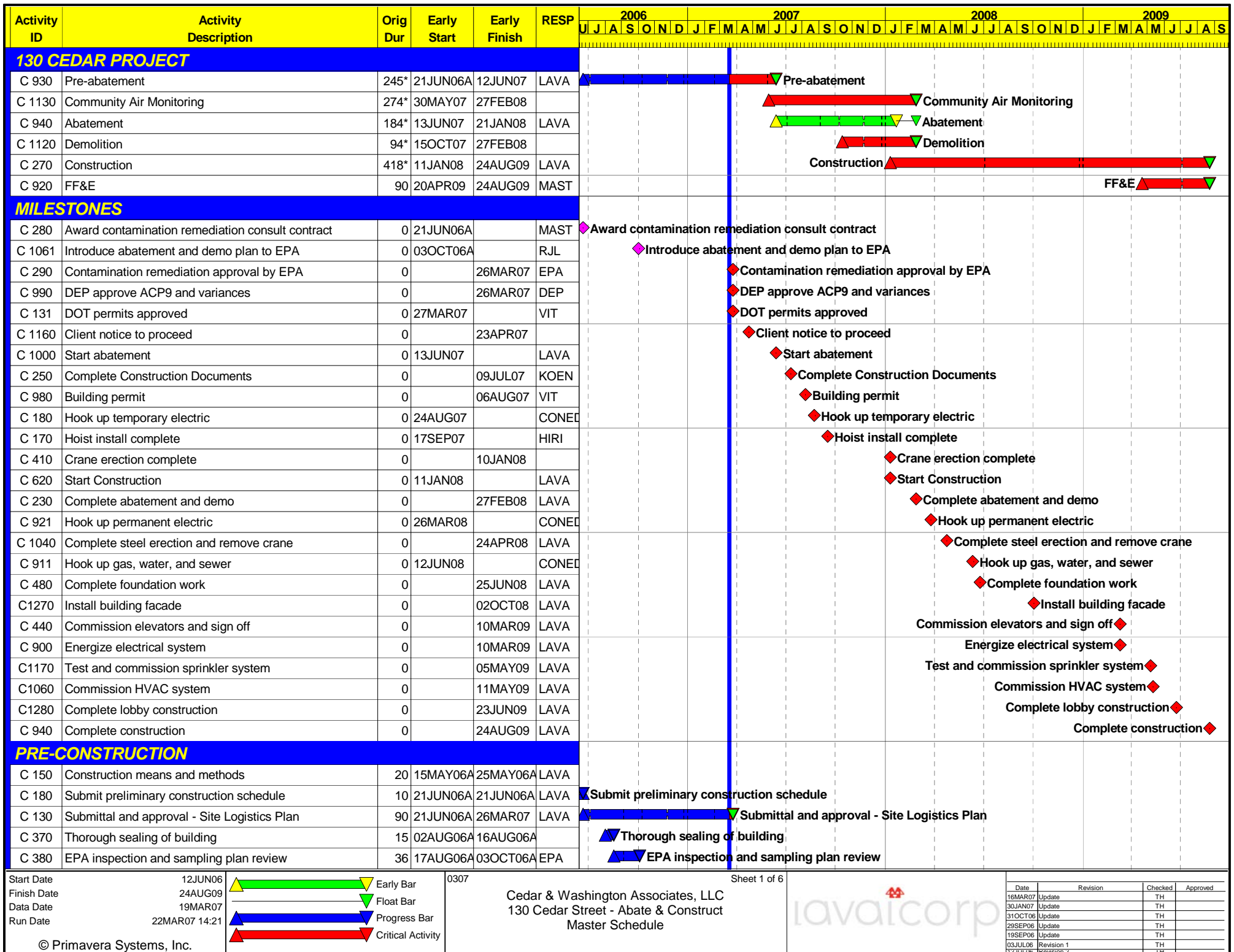
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DETAILS**

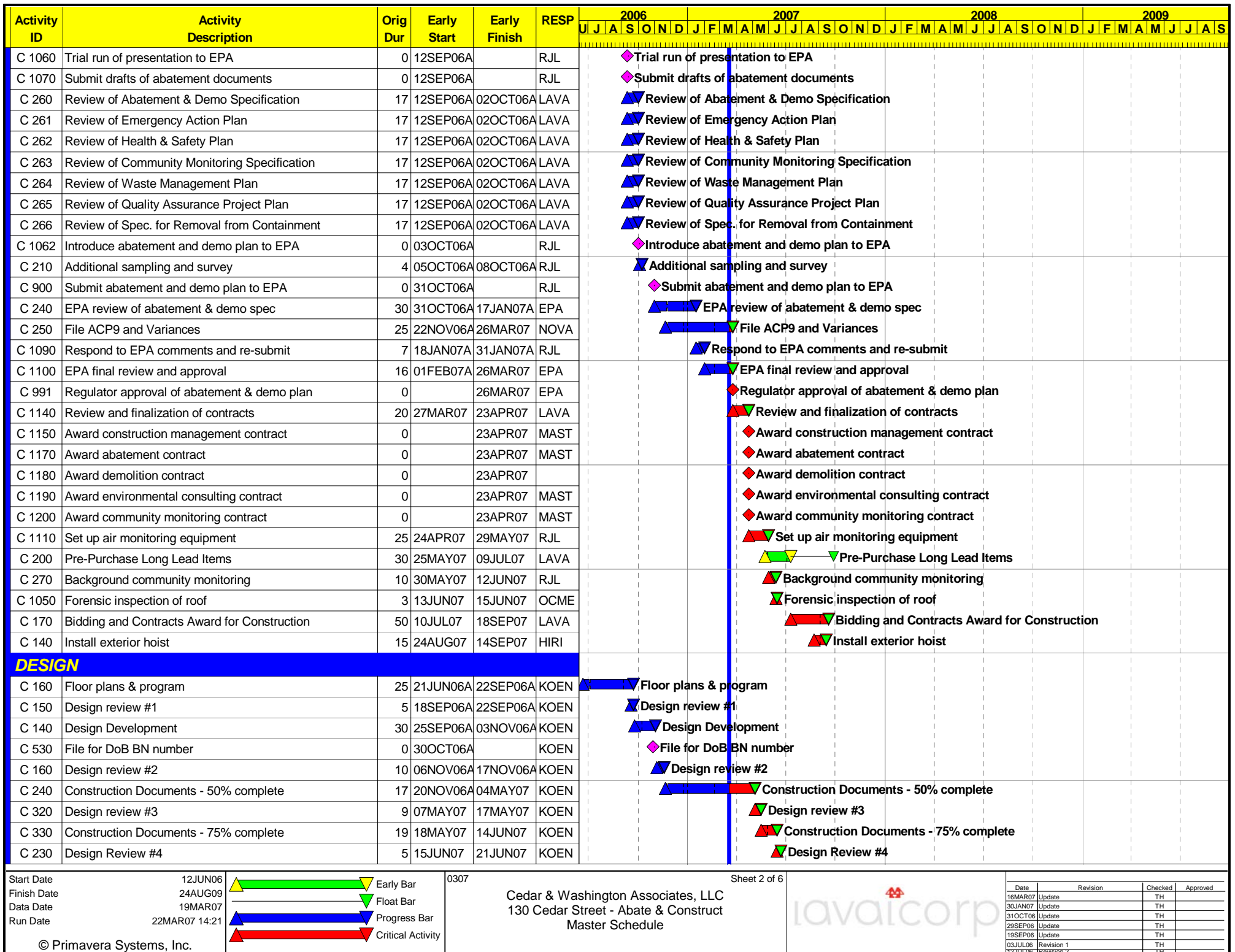
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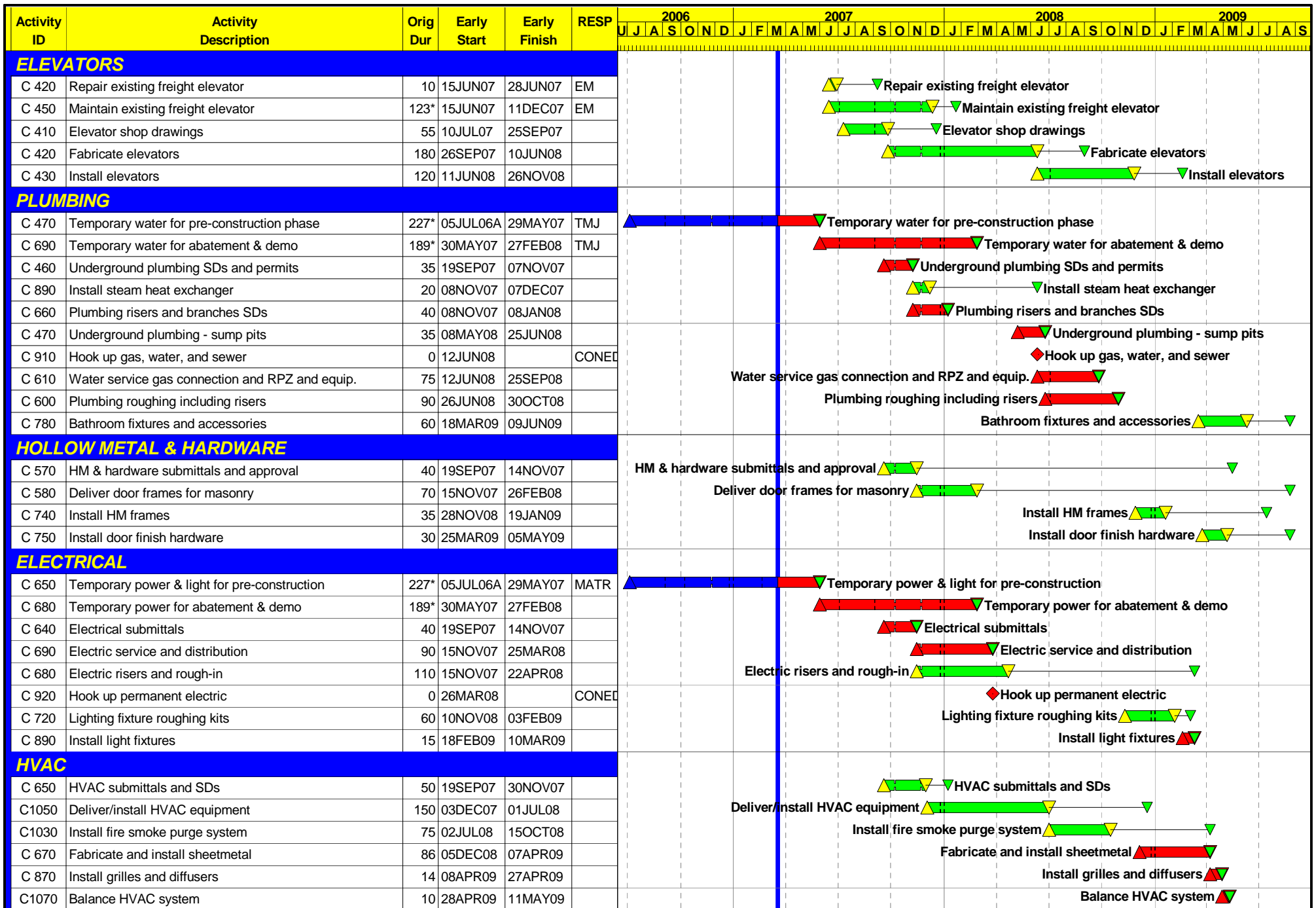
SIGN & SEAL

2.5 Appendix E: Schedule





Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	RESP	2006				2007				2008				2009																																											
						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S																												
C 200	Final Coordination & Detailing	11	22JUN07	09JUL07	KOEN																																																								
C 190	Submit CDs to DOB for building permit	20	22JUN07	20JUL07	KOEN																																																								
C 340	Construction Documents 100%	0		09JUL07	KOEN																																																								
C 390	Respond to DOB comments and reapply	11	23JUL07	06AUG07	VIT																																																								
C 981	Building permit	0		06AUG07																																																									
MEP DESIGN																																																													
C 720	Program & equipment layout	25	21JUN06A	22SEP06A	LOR																																																								
C 850	M&E room design	10	25SEP06A	06OCT06A	LOR																																																								
C 870	MEP plans & diagrams	19	10OCT06A	03NOV06A	LOR																																																								
C 880	Final coordination with architect	37	06NOV06A	04MAY07	LOR																																																								
C 630	Coordinate MEP shop drawings	25	09JAN08	12FEB08	LOR																																																								
ABATEMENT																																																													
C 480	Install temporary decon unit	5	05JUL06A	05JUL06A																																																									
C 490	Install abatement area partition	8	13JUN07	21JUN07	LAVA																																																								
C 960	Total abatement duration	159*	13JUN07	20DEC07																																																									
C 860	Install hanging scaffold in 90 West courtyard	5	18JUN07	22JUN07	HIRI																																																								
C 500	Abate south 1st floor/loading dock/main stairway	10	22JUN07	03JUL07																																																									
C 510	Wash down building facade	20	23JUN07	17JUL07																																																									
C 520	Construct decons/shanties/locker rooms	5	18JUL07	23JUL07	LAVA																																																								
C 540	Seal gap between building and 90 West St.	5	18JUL07	23JUL07																																																									
C 1020	Abate roof mechanical spaces	5	24JUL07	28JUL07																																																									
C 1080	Abate/demo west roof parapet	10	24JUL07	03AUG07																																																									
C 560	Abate/demo - 10th, 11th & 12th floors	43	24JUL07	12SEP07																																																									
C 570	Abatement - 9th floor	10	13SEP07	24SEP07																																																									
C 550	Roof abatement	20	15SEP07	09OCT07																																																									
C 580	Abatement - 7th and 8th floors	15	25SEP07	12OCT07																																																									
C 590	Abatement - 5th and 6th floors	12	13OCT07	26OCT07																																																									
C 600	Abatement - 3rd and 4th floors	12	27OCT07	09NOV07																																																									
C 610	Abatement - 2nd floor	10	10NOV07	21NOV07																																																									
C 630	Abatement - remaining 1st floor & basement	15	24NOV07	11DEC07																																																									
C 980	Abate freight elevator shaft & all equipment	8	12DEC07	20DEC07																																																									
C 640	Filing and inspection	10	21DEC07	07JAN08																																																									
C 660	Final report and signoff	10	08JAN08	21JAN08																																																									
DEMOLITION																																																													
C 670	Roof demolition - north slab & remaining parapet	10	15OCT07	26OCT07	ALLS																																																								
C 700	Demo exterior walls and stair - 12th floor	10	29OCT07	09NOV07	ALLS																																																								
C 710	Demo exterior walls and stair - 11th floor	10	12NOV07	27NOV07	ALLS																																																								
C 740	Demo exterior walls and stair - 10th floor	6	28NOV07	05DEC07	ALLS																																																								
C 750	Demo exterior walls and stair - 9th floor	6	06DEC07	13DEC07	ALLS																																																								
Start Date 12JUN06 Finish Date 24AUG09 Data Date 19MAR07 Run Date 22MAR07 14:21						0307						Sheet 3 of 6						Cedar & Washington Associates, LLC 130 Cedar Street - Abate & Construct Master Schedule						lavalcorp						<table><tr><th>Date</th><th>Revision</th><th>Checked</th><th>Approved</th></tr><tr><td>16MAR07</td><td>Update</td><td>TH</td><td></td></tr><tr><td>30JAN07</td><td>Update</td><td>TH</td><td></td></tr><tr><td>31OCT06</td><td>Update</td><td>TH</td><td></td></tr><tr><td>29SEP06</td><td>Update</td><td>TH</td><td></td></tr><tr><td>19SEP06</td><td>Update</td><td>TH</td><td></td></tr><tr><td>03JUL06</td><td>Revision 1</td><td>TH</td><td></td></tr></table>				Date	Revision	Checked	Approved	16MAR07	Update	TH		30JAN07	Update	TH		31OCT06	Update	TH		29SEP06	Update	TH		19SEP06	Update	TH		03JUL06	Revision 1	TH	
Date	Revision	Checked	Approved																																																										
16MAR07	Update	TH																																																											
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© Primavera Systems, Inc.																																																													



Start Date 12JUN06
 Finish Date 24AUG09
 Data Date 19MAR07
 Run Date 22MAR07 14:21

Early Bar
 Float Bar
 Progress Bar
 Critical Activity

0307





Cedar & Washington Associates, LLC
 130 Cedar Street - Abate & Construct
 Master Schedule


Sheet 5 of 6

lavaicorp

Date	Revision	Checked	Approved
16MAR07	Update	TH	
30JAN07	Update	TH	
31OCT06	Update	TH	
29SEP06	Update	TH	
19SEP06	Update	TH	
03JUL06	Revision 1	TH	
17JUL06	Revision 2	TH	

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	RESP	2006					2007					2008					2009										
						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
BUILDING FACADE																															
C1100	Building facade shop drawings	66	19SEP07	24DEC07																											
C1110	Fabricate wall facade	120	26DEC07	11JUN08																											
C1120	Install facade	100	15MAY08	02OCT08																											
ARCHITECTURAL METAL AND GLASS																															
C1140	Arch. metal and glass shop drawings	65	26DEC07	26MAR08																											
C1150	Fabricate storefront & architectural metal work	100	27MAR08	14AUG08																											
C1160	Install storefront & architectural metal work	55	03OCT08	18DEC08																											
SPRINKLER SYSTEM																															
C 620	Sprinkler SDs submittal & approval	45	19SEP07	21NOV07																											
C 910	Sprinkler rough-in	60	24NOV08	17FEB09																											
C 880	Install sprinkler heads	45	18FEB09	21APR09																											
ROOFING																															
C1010	Repair existing leaks in roof	5	13JUN07	19JUN07	WS																										
C1020	Temporary roofing - 10th floor	2	13SEP07	14SEP07	LAVA																										
C1000	Roofing membrane	48	22MAY08	29JUL08																											
C1010	Terrace and roof pavers	37	30JUL08	18SEP08																											
DRYWALL																															
C 710	Drywall layout framing and GWB	110	31OCT08	06APR09																											
C 730	Ceilings	50	08DEC08	17FEB09																											
C 760	Tape and spackle	66	03FEB09	05MAY09																											
CERAMIC AND STONE																															
C 850	Ceramic tile and stone	90	18FEB09	23JUN09																											
MILLWORK																															
C 820	Submit millwork shop drawings	76	31OCT08	17FEB09																											
C 830	Fabricate millwork	83	18FEB09	12JUN09																											
C 840	Install millwork	50	15JUN09	24AUG09																											
FLOORING																															
C1200	Flooring submittals and approvals	56	31OCT08	20JAN09																											
C1210	Fabricate and deliver flooring	65	21JAN09	21APR09																											
C 810	Install flooring	20	22APR09	19MAY09																											
PAINTING																															
C 790	Painting	80	18FEB09	09JUN09																											
FF&E																															
C 860	Deliver and install FF&E	90	20APR09	24AUG09																											

Start Date	12JUN06		Early Bar
Finish Date	24AUG09		Float Bar
Data Date	19MAR07		Progress Bar
Run Date	22MAR07 14:21		Critical Activity
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Date	Revision	Checked	Approved
16MAR07	Update	TH	
30JAN07	Update	TH	
31OCT06	Update	TH	
29SEP06	Update	TH	
19SEP06	Update	TH	
03JUL06	Revision 1	TH	
17JUL06	Revision 2	TH	